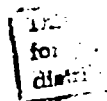REPORT NO. SIG/SDI-1

SURVEY OF CURRENT SYSTEMS FOR SELECTIVE DISSEMINATION OF INFORMATION (SDI)

Compiled and edited by
Edward M. Housman
U.S. Army Electronics Command
Chairman, SIG/SDI

JUNE 1969

Special Interest Group on SDI (SIG/SDI)

AMERICAN SOCIETY FOR INFORMATION SCIENCE

Report No. SIG/SDI-1

SURVEY OF CURRENT SYSTEMS FOR

SELECTIVE DISSEMINATION OF INFORMATION (SDI)

Compiled and edited by

Edward M. Housman
U.S. Army Electronics Command
Fort Monmouth, N. J.
Chairman, Special Interest Group on SDI

June 1969

TABLE OF CONTENTS

iv

II. Pilot Systems

III. Planned Systems

APPENDIX

INTRODUCTION

This compilation of fact sheets describing 100 systems for Selective Dis-
semination of Information (SDI) is the result of a comprehensive survey of
known and suspected SDI systems in the U.S. and abroad. It was assembled by
the newly-formed Special Interest Group on Selective Dissemination of Informa-
tion (SIG/SDI) of the American Society for Information Science to stimulate
flow of information among workers in this fast-moving field.

We hope that the publication, in addition to serving an educational function,
will encourage direct informal contact among persons interested in SDI, and
thus stimulate progress in the field. To this end, each system description con-
tains the name, address, and phone number of the system operator.

The body of this report consists of reproductions of the 100 fact sheets re-
ceived in response to the survey, organized into operational, pilot, and planned
systems. The survey form was designed to give a detailed picture of system
design factors, organized in such a way that the reader can rapidly locate sys-
tems with specific characteristics of interest. The fact sheets were reproduced
exactly as received, except for a few that were not reproducible and had to be
copied over. To save on printing cost, the comment sheets were reproduced
only when they contained significant data.

Many systems submitted sample SDI printouts, examples of which are pub-
lished in the appendix. The others are being held in file along with numerous
brochures and articles we have received.

Response to the survey has been surprisingly good. There are some sys-
tems that have not reported in, but the impressive number that did, makes this
the most comprehensive collection of system descriptions published to date.
The mass of data can certainly be taken as representative of SDI applications in
a broad spectrum of government, industry, and university environments through-
out the world.

Background on SDI

Selective Dissemination of Information, proposed by H.P. Luhn[*] in 1958 as
a new application for computer technology involves use of automated informa-
tion retrieval techniques to keep a group of subscribers continuously aware of
the latest publications in their special interest areas. The subscriber to an
SDI system submits an "interest profile" defining the specific (usually narrowly-
defined) subject areas in which he requires knowledge of all new publications.
The system responds by announcing periodically to each subscriber all new docu-
ments encountered during the period that conform to his interest specification.

---

[*]Luhn, H.P., "A Business Intelligence System", IBM Journal of Research and
Development, Vol. 2, No. 4, October 1958

Generally, such systems are computer based, and provide for periodically updating the subscriber's interest profile based on subscriber feedback.

In recent years there has been a spurt of interest in SDI applications because many large information banks (e.g. Chem Abstracts, NASA, and the Institute of Scientific Information) have begun to make available computer tapes containing records of all their new accessions. This has made it economical for many organizations to search huge sectors of the published literature, thus greatly increasing the value of their SDI service.

SIG/SDI

The Special Interest Group on SDI was formed last October in response to this surge of interest in SDI among technical libraries and information centers. The group's purpose is to provide for maximum exchange of information among those operating SDI systems, or exploring their use.

The group now has approximately 200 members, each of which is being sent a copy of this report. A periodic newsletter is also published, and a move is under way to establish our own SDI service covering the current literature related to SDI applications.

We encourage all SDI system operators to join SIG/SDI and participate in its activities. If you are not already a member, you may become one by filling out the application blank below (and checking the SIG/SDI option). You will automatically become a member of SIG/SDI and $2 of your ASIS dues will go to support SIG/SDI programs.

AMERICAN SOCIETY FOR INFORMATION SCIENCE
2011 Eye Street, N.W.
Washington, D.C. 20006

MEMBERSHIP APPLICATION
(To be filled in by NEW members only)

Please print or type application

NAME _____
LAST   FIRST   MIDDLE INITIAL
PREFERRED MAILING ADDRESS _____
(If business address, include
company name) _____
_____ ZIP _____

Please indicate: Individual Membership $25 ☐   Student Membership $10 ☐ *

* Students should indicate university and have faculty adviser sign application here _____

PLEASE ENCLOSE CHECK OR MONEY ORDER **

NOTE: Membership is on a calendar year basis only. Applications received after October 1 will be processed for the following full calendar year with complimentary membership from October 1–December 31.

ASIS SPECIAL INTEREST GROUPS
(Check all those you wish to affiliate with)

Regular membership dues of $25 and Student Membership dues of $10 include membership in one SIG. You may join additional SIG'S upon payment of $2 each per year.

☐ Arts and Humanities (AH)
☐ Education for Information Science (ES)
☐ Classification Research (CR)
☐ Library Automation and Networks (LA)
☐ Information Analysis Centers (IA)
☐ Automated Language Processing (ALP)
☐ Reprographic Technology (RT)
☐ Biomedical and Chemical Information Systems (BC)
☐ Behavioral and Social Sciences (BSS)
☐ Selective Dissemination of Information (SDI)
   [Proposed]
** Total number of SIG'S checked _____
minus one x $2.00 _____
TOTAL AMOUNT ENCLOSED _____

2

Acknowledgements

ANALYSIS OF DATA

The system fact sheets in the body of this report are organized alphabetically into operational, pilot, and planned systems, and the questions are laid out in a matrix for rapid scanning.

However, to save the reader the arduous chore of tabulating statistics on system parameters of interest, we have prepared a series of tables, each with an interpretive statement, which reveal the main trends of the data. A perusal of these tables will provide an up-to-date picture of the major findings revealed by the survey.

Note that in the fact sheet we have deliberately omitted detailed questions on system cost and system evaluation. We felt that such questions, by their nature, would discourage responses. Also, since there are no established criteria, the data would be of little value for comparison. We hope in the future to establish such standards and solicit data in these areas.

Tabular Data

TABLE 1. STATUS OF SYSTEMS

(The survey covers a large percent of the known systems. Note that 31 respondents, mostly representing large firms, are actively exploring SDI. Two organizations, Health Research Inc. and Brookhaven National Laboratory, report they had discontinued their SDI service.)

OPERATIONAL SYSTEMS	PILOT SYSTEMS	PLANNED SYSTEMS	TOTAL
69	19	12	100

TABLE 2. SUBSCRIBERSHIP SIZE

(There is a very wide range of subscribership sizes peaking at the 50 100 range. Of the systems that gave projected figures, most anticipated significant increases in the next 6 months.)

NUMBER OF SUBSCRIBERS (by range)	OPERATIONAL	PILOT	TOTAL
1-25	6	5	11
25-50	5	8	13
50-100	15	2	17
100-200	10	2	12
200-500	11	0	11
500-1,000	3	1	4
1,000-5,000	8	0	8
65,000*	1	0	1
No answer	10	1	11

*The F.W. Dodge Co. reports this huge figure, which puts it in a class by itself in terms of subscribership size. It has about three times as many subscribers as the rest of the reporting systems combined.

TABLE 3. PROCESSING MODES

(An overwhelming number of systems report computer use, with a large number of IBM 360 models, and other late generation computers. Many different computer models and program languages are reported.)

PROCESSING MODE	OPERATIONAL	PILOT	PLANNED	TOTAL
COMPUTER	60	15	8	83
PUNCH CARD	1	1	0	2
MANUAL	8	0	0	8
NO ANSWER	0	3	4	7

TABLE 4. SOURCE OF INPUT DOCUMENTS

(More than half of the systems report use of external citation tapes. Exclusive use of tape is the most popular choice.)

SOURCE OF DATA BASE	OPERATIONAL	PILOT	PLANNED	TOTAL
IN-HOUSE DOC's ONLY	4	2	2	8
SEL. EXT. DOC's ONLY	14	4	0	18
EXTERNAL TAPE ONLY	25	4	1	30
TAPE AND SEL. EXT. DOC'S	2	2	1	5
TAPE AND IN-HOUSE DOC'S	4	0	2	6
IN-HOUSE AND SEL. EXT. DOC'S	13	2	0	15
ALL 3 SOURCES	4	0	2	6
OTHER	3	3	0	6
NO ANSWER	0	2	4	6

4

TABLE 5. EXTERNAL TAPES USED

(Chem Abstracts and NASA tapes are the most popular of 14 sources mentioned by the 47 systems using, or planning to use, tapes. Several systems report using more than one tape.)

TAPE SOURCE	OPERATIONAL	PILOT	PLANNED	TOTAL
Chem Abstracts	13	2	2	17
NASA	8	0	1	9
ISI	6	1	0	7
Engineering Index	5	1	0	6
DDC	3	0	2	5
Nat'l Library of Medicine	2	1	0	3
AEC	2	0	0	2
Biological Abstracts	1	0	0	1
ITT	1	0	0	1
Pandex	1	0	0	1
CBAC	1	0	0	1
Plasdoc (Derwent)	1	0	0	1
Ringdoc (Derwent)	0	1	0	1
JAWTIG (Cards)	1	0	0	1

TABLE 6. MONTHLY DOCUMENT INPUT VOLUMES

(A wide range of numbers are reported. In general, external tapes make it possible to achieve high volumes.)

NUMBER OF INPUT DOCS. (RANGE)	OPERATIONAL	PILOT	TOTAL
1-50	2	0	2
50-100	1	1	2
-100-500	11	5	16
500-1,000	9	2	11
1,000-5,000	12	3	15
5,000-10,000	4	1	5
10,000-30,000	14	2	16
NO ANSWER	16	5	21

5

TABLE 7. TYPES OF DOCUMENTS PROCESSED

(Combinations were too various to correlate, so gross tallies are entered.
Journal articles only, and journal articles plus reports, were the two most
popular categories.)

DOCUMENT TYPE	OPERATIONAL	PILOT	PLANNED	TOTAL
REPORTS	42	9	4	55
JOURNAL ARTICLES	54	13	4	71
TRADE MAG ARTICLES	13	2	1	16
PATENTS	19	3	1	23
OTHER (Incl books)	22	2	0	24
NO ANSWER	4	3	8	15

TABLE 8. INDEXING OF CITATIONS

(The thesaurus was the most popular approach, but title searching and auto-
matic text analysis are becoming more popular to reduce indexing man-hours.
Most systems checked off several methods.)

INDEXING METHOD	OPERATIONAL	PILOT	PLANNED	TOTAL
THESAURUS	35	11	6	52
FREE TERMS	16	4	2	22
WORDS IN TITLE	18	3	2	23
AUTOMATIC TEXT ANALYSIS	5	1	0	6
WEIGHTS	11	1	2	14
ROLES	3	3	0	6
LINKS	6	3	1	10
OTHER	7	5	0	12
NO ANSWER	7	2	6	15

TABLE 9. IS INDEXING DONE IN-HOUSE?

(It's 50-50 among operational systems)

DONE IN-HOUSE?	OPERATIONAL	PILOT	PLANNED	TOTAL
YES	25	8	4	37
NO	25	5	0	30
NO ANSWER	19	6	8	33

TABLE 10. NUMBER OF INDEX TERMS ASSIGNED TO AVERAGE DOCUMENT

(The number peaks strongly at 10-15 terms)

NUMBER OF TERMS (RANGE)	OPERATIONAL	PILOT	TOTAL
1-5	3	2	5
5-10	10	2	12
10-15	17	4	21
15-20	6	0	6
20-25	4	1	5
25-50	2	2	4
More than 50	0	0	0
Undetermined (Free Text Used)	6	1	7
No Answer	21	7	28

TABLE 11. INTEREST PROFILE PREPARATION

(In the overwhelming number of cases, profiles are prepared by trained indexers.)

PROFILES PREPARED BY:	OPERATIONAL	PILOT	TOTAL
SUBSCRIBER	11	3	14
PROFESSIONAL INDEXER	40	6	46
BOTH	15	4	19
NO ANSWER	3	6	9

TABLE 12. CODING OF PROFILE TERMS

(Logical connectors and weights are the most popular options. Truncation is getting more popular as free term searching of titles and abstracts comes into wider use.)

PROFILES PREPARED USING:	OPERATIONAL	PILOT	TOTAL
WEIGHTS	27	4	31
ROLES	4	3	7
LINKS	4	5	9
LOGICAL CONNECTORS	37	5	42
TRUNCATION	19	3	22
OTHER	10	5	15
NO ANSWER	13	5	18

TABLE 13. NUMBER OF TERMS PER PROFILE

(There are peaks at 10-15 and 25-50 terms.)

AVG. NUMBER OF TERMS IN PROFILE (BY RANGE)	OPERATIONAL	PILOT	TOTAL
1-5	0	0	0
5-10	7	1	8
10-15	9	3	12
15-20	7	1	8
20-25	3	2	5
25-50	12	1	13
50-75	11	1	12
75+	2	1	3
NO ANSWER	18	9	27

TABLE 14. MATCHING TECHNIQUE

(Boolean logic is the most heavily used strategy. Many systems use several strategies. This question was somewhat confusing since Boolean logic includes many of the other strategies, and term weighting appears to have been confused with weights-with-hit-level.)

SEARCH STRATEGY	OPERATIONAL	PILOT	TOTAL
BOOLEAN LOGIC	42	9	51
SINGLE TERM MATCH	22	7	29
WEIGHTS, OR WEIGHTS WITH HIT LEVEL	29	5	34
NEGATION	32	3	35
MUST TERMS	16	1	17
PERCENT MATCH	4	0	4
OTHER	11	5	16
NO ANSWER	5	2	7

TABLE 15. RUN FREQUENCY

(Among the operational systems, there is a rather even distribution in the weekly, semi-monthly, and monthly categories. Among pilot systems, weekly runs predominate.)

RUN FREQUENCY	OPERATIONAL	PILOT	TOTAL
WEEKLY	20	7	27
SEMI-MONTHLY	20	3	23
MONTHLY	18	2	20
NO ANSWER	11	7	18

TABLE 16. FORM OF ANNOUNCEMENT

(Paper print-out and cards are the most heavily used media. Data on cards is somewhat interpretive in table since wording of question seems to have been confused by many respondents. Some indicated more than one mode.)

ANNOUNCEMENT MEDIUM	OPERATIONAL	PILOT	TOTAL
CARDS*	17	5	22
COMPUTER PRINT-OUT ON PAPER	33	10	43
REPRODUCED ABSTRACTS	14	2	16
REPRODUCED DOCUMENTS	5	1	6
OTHER	7	4	11
NO ANSWER	2	2	4

*With or without machine readable stubs

TABLE 17. SUBSCRIBER FEEDBACK

(Most systems used several methods, but the interview technique is the most popular.)

FEEDBACK TECHNIQUE	OPERATIONAL	PILOT	TOTAL
QUESTIONNAIRE	26	8	34
INTERVIEW	38	9	47
USER EVALUATION OF EACH CITATION	31	8	39
ORDERS FOR DOCUMENTS	28	2	30
OTHER	8	0	8
NO ANSWER	2	4	6

TABLE 18. COPIES PROVIDED ON REQUEST?

(Over 3/4 of the systems provide copies.)

COPIES PROVIDED?	OPERATIONAL	PILOT	TOTAL
YES	54	9	63
NO	12	5	17
NO ANSWER	3	5	8

TABLE 19. PROFILE UPDATING METHOD

(In general the trained indexer plays a major role, but a surprising number of systems have the subscriber revise his own profile.)

PROFILES REVISED BY:	OPERATIONAL	PILOT	TOTAL
SUBSCRIBER	18	5	23
INDEXER	25	4	29
SUBSCRIBER AND INDEXER	18	4	22
AUTOMATIC, BY COMPUTER	4	3	7
OTHER	0	1	1
NO ANSWER	4	2	6

SYSTEM FACT SHEETS

I.   OPERATIONAL SYSTEMS

11

Name of Respondent **M.T. GRENIER** Phone 213-334-6211 x5166	Organization & Address **AEROJET - GENERAL CORP.** **P.O. BOX 296** **AZUSA, CALIF. 91702**	I wish to receive copies of all responses. [X] (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- [X] Operational
- [ ] Pilot operation   125 actual
- [ ] Planning stage
- Present no. of subscribers: 3000 potential
- [X] Individuals [ ] Small groups [ ] Organizations
- Projected subscribership in 6 months:

II. PROCESSING MODE
- [ ] Computer
  - Mfgr./Model _____
  - Program language _____
- [X] Punched card equipment only   **TERMATREX**
- [ ] Primarily manual

III. CITATION INPUT
- [X] In-house documents
- [X] Selected external documents
- [ ] External tape
  - From: _____
- [ ] Other (use comment block below)

Total number of citations per month: **3-400**

IV. TYPES OF DOCUMENTS
- [X] Reports **99** %
- [ ] Journal articles _____ %
- [ ] Trade magazines _____ %
- [X] Patents **1** %
- [ ] Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- [X] Thesaurus - **OURS**   [ ] Weights
- [X] Free terms   [ ] Roles
- [ ] Words in title   [ ] Links
- [ ] Automatic text analysis
- [ ] Other:

Avg. no. terms per document: **30**
Indexed in-house? **Yes**

VI. INDEXING OF PROFILES   MODIFIED
- [X] Done by subscriber - **MODIFIED**
- [ ] Done by professional indexer
- Using:
  - [ ] Weights   [ ] Logical connectors
  - [ ] Roles   [ ] Truncation
  - [ ] Links   [ ] Other:

Avg. no. terms per profile: **10**

VII. MATCHING TECHNIQUE
- [X] Boolean Logic   [ ] Negation
- [ ] Single term match   [ ] Must terms
- [ ] Weights & hit level [ ] Percent match
- [ ] Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- [ ] Cards with machine-readable stubs
- [ ] Computer printout (paper)
- [X] Reproduced abstracts
- [ ] Reproduced documents
- [ ] Other·

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- [ ] Questionnaire
- [X] Interviews
- [ ] User evaluation of each citation
- [X] Orders for documents
- [ ] Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- [X] By subscriber
- [X] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other:

Avg. frequency of updating: **6 mos.**

Identify the publication that gives the most complete description of current or planned system:

" **A Central ~~and~~ Information Retrieval System** "
Published: J. Chem. Doc., 1964   Reprint available from respondent? **Yes**

COMMENTS (Continue on page 2)

Name of Respondent J. P. Swann Phone 403-433-9259	Organisation & Address Alberta Information Retrieval Assoc., The Mall, Campus Towers, 8625 - 112th Street, Edmonton 61, Alberta, Canada.	I wish to receive copies of all responses. ☒ (You may check even if you can't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: 77
- ☒ Individuals & ☒ Small groups ☐ Organisations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☐ Computer
- ☒ Mfgr./Model __IBM 360 67__
  - Program language ____ PL/1
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: __CAS (Chemical Titles)__
- ☐ Other (use comment block below)

Total number of citations per month: ~~XXXX~~ 10,000

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☐ Journal articles __100__ %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☐ Other ____ %

Major broad subject area: Chemistry

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: 15?
Indexed in-house? ____

VI. INDEXING OF PROFILES
25% ☐ Done by subscriber
75% ☐ Done by professional indexer
Using:
- ☒ Weights
- ☒ Roles
- ☐ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per ~~profile~~ question 6.6
" " questions per profile 2.8

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☒ Weight & hit level
- ☐ Other:
- ☒ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: Varies with quest. ~~from 0 to~~ 100.
Run frequency: __26 p.a.__ an average meaningless

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK (inadequate)
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? try we

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __as reqd__

Identify the publication that gives the most complete description of current or planned system:
Computer Search of Chemical Titles at the University of Alberta
L. Thiel & H. S. Heaps, Publ. #15, Oct. 68, Dept. of Computing Science,
University of Alberta, Edmonton Alberta. Reprint available from respondent? ____

COMMENTS (Continue on page 2)

The University of Alberta contributes the use of its computer and programming support to the Association, which in turn offers an SDI service to Canadian Scientists. The Association's resources are currently small, and this service is therefore not operated on a large scale at present. The Association was the first organization in Canada

COMMENTS (continued)

to offer computer searches of the technical literature to the scientific community generally, through its paticipation in the CAS 'Experiment in the Selective Dissemination of Information', 1967-68.

The launching of a program of literature searches by the National Research Council of Canada has recently been announced. AIRA is currently negotiating with NRC how the two bodies may best cooperate to develop effective services without unn ecessary duplication of effort.

FUTURE PLANS

AIRA is also currently negotiating with the University of Calgary for the development of similar services based on data bases available from Engineering Index.

Other data bases are also under consideration as the basis for the development of improved alerting services. The Association is also keen to assist its members and participants to take advantage of services offered by others, and tries to make the availability of such services known to them.

If cost data on system is available, please check here. ___X___

14

Name of Respondent _M. S. Morris_	Organisation & Address _TECHNICAL INFORMATION SERVIC_ _ALLIED CHEMICAL CORP._ _P.O. Box 3002_ _MORRISTOWN NJ 07960_	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone _201-538-8000_ EXT _6014_		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organizations

Projected subscribership in 6 months: _____

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _IBM 360 (30+50)_
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: _CA_
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science

Name of Respondent Joan L. Gallagher	Organisation & Address American Cyanamid Company Organic Chemicals Division Bound Brook, N. J. 08805	I wish to receive copies of all responses. ☒
Phone 201-356-2000		(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __70__
☒ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model IBM 360/40
  - Program language Cobol, BAL
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: Chemical Abstracts Service
- ☐ Other (use comment block below)

Total number of citations per month: __App. 1000__

IV. TYPES OF DOCUMENTS
- ☐ Reports ____%
- ☒ Journal articles 100%
- ☐ Trade magazines ____%
- ☐ Patents ____%
- ☐ Other ____%

Major broad subject area: Organic Chemistry

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☒ Automatic text analysis
- ☐ Other:

☐ Weights ☐ Roles ☐ Links

Avg. no. terms per document: Full Abstract
Indexed in-house? __No__ (200)

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights ☐ Logical connectors
- ☐ Roles ☐ Truncation
- ☐ Links ☐ Other:

Avg. no. terms per profile: __10__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic ☒ Negation
- ☒ Single term match ☒ Must terms
- ☒ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: __20__
Run frequency: Semi-monthly

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: Bi-Monthly

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2) Above information describes an SDI system based on Basic Journal Abstracts (BJA). This is a tape service of Chemical Abstract Service consisting of abstracts of articles from 35 journals in the general chemical field. This SDI system has been in operation for about $2^{1}/2$ years.
A new system, based on Chemical Abstracts Condensate Tapes, has recently been put into operation. Present plans include evaluation of both systems.

Special Interest Group on SDI, American Society for Information Science

Name of Respondent *Betty Guttman* Phone *(312)-739-7711* *ext. 4702*	Organization & Address *Library Services Dept.* *Argonne National Laboratory* *9700 S. Cass Ave.* *Argonne, Illinois 60439*	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: *~ 25*
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribership in 6 months: *40 ?*

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model *360/75 IBM*
  - Program language *BAL*
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: *Chemical Abstracts Service*
- ☐ Other (use comment block below)

Total number of citations per month: *2000*

IV. TYPES OF DOCUMENTS
- ☒ Reports *10* %
- ☒ Journal articles *88* %
- ☐ Trade magazines _____ %
- ☒ Patents *2* %
- ☐ Other _____ %

Major broad subject area: *Chemistry*

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☒ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: *~ 9*
Indexed in-house? *No*

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: *35* *(range: 1 - 200)*

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: *50*
Run frequency: *weekly*

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? *No*

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: *monthly*

Identify the publication that gives the most complete description of current or planned system:

Chemical Abstracts announcements

Reprint available from respondent? *No*

COMMENTS (Continue on page 2)

Name of Respondent GERALD W. BEVERIDGE	Organization & Address U. S. Army Biological Labs. Fort Detrick ATTN: Technical Information Division Frederick, Maryland 21701	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone Area 301-663-4111, X 5102 Autovon 231-1350, X 5102		

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: __70__
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribership in 6 months: 100

II. PROCESSING MODE Burroughs 5500
☒ Computer
Mfgr./Model CDC 3150
Program language ____
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☒ Selected external documents
☒ External tape
From: NLM; DDC
☐ Other (use comment block below)

Total number of citations per month: 12,000

IV. TYPES OF DOCUMENTS
☒ Reports 35 %
☒ Journal articles 65 %
☐ Trade magazines ____ %
☐ Patents ____ %
☐ Other ____ %

Major broad subject area: Bio-MED

V. INDEXING OF CITATIONS
☒ Thesaurus ☐ Weights
☐ Free terms ☐ Roles
☐ Words in title ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: __8__
Indexed in-house? __No__

VI. INDEXING OF PROFILES
☒ Done by subscriber
☒ Done by professional indexer
Using:
☒ Weights ☒ Logical connectors
☐ Roles ☐ Truncation
☐ Links ☐ Other:

Avg. no. terms per profile: __15__

VII. MATCHING TECHNIQUE
☒ Boolean Logic ☒ Negation
☐ Single term match ☒ Must terms
☒ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: __35__
Run frequency: Bi-monthly

VIII. FORM OF ANNOUNCEMENT
☒ Cards with machine-readable stubs
☒ Computer printout (paper)
☒ Reproduced abstracts
☐ Reproduced documents
☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
☒ Questionnaire
☒ Interviews
☒ User evaluation of each citation
☒ Orders for documents
☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
☒ By subscriber
☒ By indexer
☐ Automatic, by subscriber feedback to computer
☐ Other:

Avg. frequency of updating: __6 mo.__

Identify the publication that gives the most complete description of current or planned system:

To be published June 1969

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Name of Respondent Edward Housman	Organization & Address U.S. Army Electronics Command Attn: AMSEL-TD-TI (Hexagon) Fort Monmouth, N.J. 07703	I wish to receive copies of all responses. ☐ (You may check even if you don't complete form.)
Phone 201-535-2160		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **750**
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribership in 6 months: **900**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **Burroughs 5500**
  - Prog. lang language **COBOL**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: **Defense Documentation**
- ☐ Other (use comment block below) **Center**

Total number of citations per month: **about 4,000**

IV. TYPES OF DOCUMENTS
- ☒ Reports **95** %
- ☒ Journal articles **5** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: **Military R&D**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☒ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☒ Other: **COSATI Field/Groups**
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: **10-15**
Indexed in-house? **No**

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- Done by professional indexer

Using
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: **18.3**

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: **23**
Run frequency: **Semi-monthly**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☒ Orders for documents
- ☒ Other: **Computer generates semi-annual profile review for each user.**

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer **(rarely)**
- ☐ Automatic, by subscriber feedback to computer
- ☒ Other: **See comments**

Avg. frequency of updating: **Semi-Annual**

Identify the publication that gives the most complete description of current or planned system:
"Development & Evaluation of a Large-Scale System for Selective Dissemination of Information," Technical Report ECOM-3001, (AD-674 661)

Reprint available from respondent? **Yes**

COMMENTS (Continue on page 2) **Every 6 months, computer generates an annotated interest profile report for each subscriber. The listing indicates number of referrals and orders on each term or Boolean statement. At that time subscriber is asked to update his profile.**
FUTURE PLANS: To expand citation input to include other tapes. NASA, Engineering Index, and ISI Tapes are under study. Will be Army-wide system.
cost data is available

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☑
Nancy Michelson, Librarian	Avco Everett Research Lab. 2385 Revere Beach Parkway Everett, Mass. 02149	(You may check even if you don't complete form.)
Phone 389-3000 x617		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __150__
☑ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☑ External tape
  - From: __NASA__
- ☐ Other (use comment block below)

Total number of citations per month: __550-600__

IV. TYPES OF DOCUMENTS
- ☐ Reports __70__ %
- ☐ Journal articles __25__ %
- ☐ Trade magazines _____ %
- ☐ Patents __3__ %
- ☐ Other __2__ %

Major broad subject area: Aerospace, Lasers, superconductivity

V. INDEXING OF CITATIONS
- ☑ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: __6-8__
Indexed in-house? __no__

VI. INDEXING OF PROFILES
- ☑ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☑ Other: manual

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic   ☑ Negation
- ☐ Single term match   ☑ Must terms
- ☑ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: __20__
Run frequency: __monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☑ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __yes__

X. PROFILE UPDATING
- ☑ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __1-2 years__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

NASA supplies tapes monthly. The tapes are put on the computer to print bibliographies on a specific subjects which are defined according to the NASA thesaurus. The bibliographies are distributed to individuals who request them. An individual requesting a bibliography on any subject covered on the tapes can have a search done on the computer.

Name of Respondent Miss On. J. Corasick	Organization & Address Bell Telephone Laboratories 1E-233 Murray Hill New Jersey 07974	I wish to receive copies of all responses. (You may check even if you don't complete form.) ☒
Phone 201-582-6506		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _1225_
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _2000_

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _GE 645_
  - Program language _GMAP/FORTRAN_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _25 now_
100 in 6 months
250 later

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☒ Other _100_ %

Major broad subject area: _Communications_

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☒ Other: _see comment_
  NOTE! INPUT IS AUTHOR INDEXED

Avg. no. terms per document: _3_
Indexed in-house? _by author_

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☒ Other: _Thesaurus_

Avg. no. terms per profile: _5_
see comments

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic _AND only_   ☐ Negation
- ☒ Single term match   ☐ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other.

Avg. no retrievals/user/run: _____ } see comments
Run frequency: _____ }

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☒ Reproduced documents
- ☒ Other, _mailing labels for author use_
  form selected by user

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☒ Other: _Comments from users_

Do you provide copies of documents on request? _No - We have a central document file._

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _1/year_

Identify the publication that gives the most complete description of current or planned system:
"MERCURY" A System for the Computer-Aided Distribution of Technical Reprints". Brown, W.S., Traub, J.F. JACM 16 (1) Jan 1969, 13-25. SEE COMMENT   Reprint available from respondent? ____

COMMENTS (Continue on page 2)
① Re: indexing of documents and profiles:
In addition to thesaurus subjects, these are permitted as term entries:
A. Author or user name
B. Author or user organization
C. Internal case number of project   (over)

COMMENTS (continued)

② Run frequency:
the system is initiated by authors and produces a run every time authors request that memoranda be distributed.

Average retrievals / user:

Approximately one-third of the documents processed by the system are relevant to any particular user.

③ Publications:
also: "The Future of Scientific Journals".
Brown, W.S., Pierce, J.R., Traub, J.F. SCIENCE 158 (Dec. 1, 1967) 1153 - 1159.

These reports describe the old version of the system. A paper will be published on our new version soon.   msc

FUTURE PLANS

① Addition of approximately 15 more thesaurus areas to the current system.

② Development of an SDI system to serve the outside literature which will strongly resemble the current system.

If cost data on system is available, please check here. _____

Name of Respondent	Organization & Address	I wish to receive copies of all responses. [X]
VAL S. LAVA	Bonneville Power Administration Attn: Val S. Lava, MAL P. O. Box 3621 Portland, Oregon 97208	
Phone 503-234-3361		(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
[X] Operational
[ ] Pilot operation
[ ] Planning stage
Present no. of subscribers: 100 ENGRS/600 PROF.
[X] Individuals [ ] Small groups [ ] Organizations
Projected subscribership in 6 months: SAME

II. PROCESSING MODE
[X] Computer
   Mfgr./Model __IBM 1401-8K__
   Program language ____
[ ] Punched card equipment only
[ ] Primarily manual

III. CITATION INPUT
[X] In-house documents
[X] Selected external documents
[ ] External tape
   From: ____
[ ] Other (use comment block below)

Total number of citations per month: __400__

IV. TYPES OF DOCUMENTS
[X] Reports __2__ %
[X] Journal articles __80__ %
[X] Trade magazines __15__ %
[ ] Patents ____ %
[ ] Other __3__ %

Major broad subject area: ELECTRICAL ENGRG.
POWER TRANSMISSION ONLY

V. INDEXING OF CITATIONS
[ ] Thesaurus   [ ] Weights
[X] Free terms   [ ] Roles
[ ] Words in title   [ ] Links
[X] Automatic text analysis
[ ] Other:

Avg. no. terms per document: ____
Indexed in-house? ____

VI. INDEXING OF PROFILES
[ ] Done by subscriber
[ ] Done by professional indexer
Using:
   [X] Weights   [X] Logical connectors
   [ ] Roles   [ ] Truncation
   [ ] Links   [ ] Other:

Avg. no. terms per profile: ____

VII. MATCHING TECHNIQUE
[ ] Boolean Logic   [X] Negation
[ ] Single term match   [X] Must terms
[X] Weights & hit level [ ] Percent match
[ ] Other:

Avg. no retrievals/user/run: ____
Run frequency: __Weekly__

VIII. FORM OF ANNOUNCEMENT
[X] Cards with machine-readable stubs
[ ] Computer printout (paper)
[X] Reproduced abstracts
[ ] Reproduced documents
[ ] Other:

EITHER OPTION.
SEE SAMPLES

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
[ ] Questionnaire
[X] Interviews
[ ] User evaluation of each citation
[X] Orders for documents
[ ] Other:

Do you provide copies of documents on request? __YES__

X. PROFILE UPDATING
[ ] By subscriber
[X] By indexer
[ ] Automatic, by subscriber feedback
      to computer
[ ] Other:

Avg. frequency of updating: __RARE__

Identify the publication that gives the most complete description of current or planned system:
COMPUTER GROUP NEWS, IEEE, NOV. 1967 "A SYSTEM FOR INFORMATION DISSEMINATION AND RETRIEVAL" by NORMAN D. PETERSON.
Reprint available from respondent? __NO__

COMMENTS (Continue on page 2)
This system has been in operation for almost 3 years with excellent results.
One subject-specialist controls the input-output to the computer. Additional
help is needed for providing hard copies of requested material. The circu-
lation and utilization of published articles and other announced material
quadrupled. FUTURE PLANS: Uncertain. we would like to see this system become
a part of nation-wide SDI systems.

Special Interest Group on SDI, American Society for Information Science

SDI SYSTEM FACT SHEET

Name of Respondent **BRETT BUTLER**	Organization & Address **STACEY, DIVISION OF BRO-DART, INC. 1609 MEMORIAL AVENUE WILLIAMSPORT, PA. 17701**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone **(717) 326-2461**		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
☐ Individuals ☐ Small groups ☒ Organizations
Projected subscribership in 6 months: _____

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __360/30__
  - Program language __COBOL__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __2000__

IV. TYPES OF DOCUMENTS
- ☐ Reports _____%
- ☐ Journal articles _____%
- ☐ Trade magazines _____%
- ☐ Patents _____%
- ☐ Other __100__% **BOOKS**

Major broad subject area: **ALL—SEE THESAURUS**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☒ Links

Avg. no. terms per document: _____
Indexed in-house? __YES__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☒ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other: **SEE SAMPLE**

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other: **STATISTICAL REPORT**

Do you provide copies of ~~XXXXXXX~~ **BOOKS** on request? __YES__

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **AS REQUESTED**

Identify the publication that gives the most complete description of current or planned system:

SEE BROCHURES ENCLOSED

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

SEE ATTACHED LETTER (over)

Special Interest Group on SDI, American Society for Information Science

COMMENTS (continued)

Thank you for your letter of February 19th. Bro-Dart is
indeed running a computer system at this time which in
effect is an SDI system. The Books-Coming-Into-Print
system however is somewhat unusual in that it was developed
in the context of a blanket approval program for books.
This means that rather than simply sending information on
selected items, we are sending the items themselves based
on the library profile.

I am enclosing for your reference the three brochures which
outline the basic system, the Thesaurus and other term
specifications, and the manual of operations. While I am
sure this is too bulky to include in your compilation, I
will be glad to send copies of these to anyone receiving
your list who is interested.

Since this system is the heart of a commercial activity, we
have necessarily omitted certain statistical information on
your report. However, I can say that we have been extremely
pleased with the reception given the BCIP system, since it
provides user libraries with the ability to receive a
large number of books without individual ordering, while
retaining the precise selection and individual control which
previously only characterized manual book-order systems.

BCIP is unique in that it provides automatic shipment of
items to libraries, but provides prior to that shipment an
individual card which may be used to modify shipment instructions.
A sample of this Advance Notice Card is enclosed. The Advance
Notice Card allows the library to place multiple-copy orders
prior to publication, to cancel unwanted items, and in general
to review the profile before automatic shipment is made.

As you can see from the enclosed brochures, we are covering
all English language book publications with the BCIP program
at this time. Future plans, both in terms of coverage and
in terms of types of service offered, are under consideration
but are not ready for distribution at this time. We would,
of course, welcome suggestions and comments from any of the
people in SIG/SDI. Thanks for your interest.

If cost data on system is available, please check here. _____

SDI SYSTEM FACT SHEET

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☑
John J Mracek	*Celanese Research Co.* *Box 1000* *Summit N.J. 07901*	(You may check even if you don't complete form.)
Phone *273-6600 Ext 511*		

I. STATUS OF SYSTEM
☑ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: *130*
☑ Individuals ☑ Small groups ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☐ Computer
Mfgr./Model _____
Program language _____
☐ Punched card equipment only
☑ Primarily manual

III. CITATION INPUT
☐ In-house documents
☑ Selected external documents
☐ External tape
From: _____
☐ Other (use comment block below) *725 journals, reports, patent abstracts*
Total number of citations per month: *725*

IV. TYPES OF DOCUMENTS
☑ Reports ____ %
☑ Journal articles *43* %
☑ Trade magazines ____ %
☑ Patents *57* %
☐ Other ____ %

Major broad subject area: *Chemistry - Fibers Polymers - Coatings - Plastics*

V. INDEXING OF CITATIONS
☐ Thesaurus   ☐ Weights
☑ Free terms   ☐ Roles
☐ Words in title ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
both ☐ Done by subscriber
       ☐ Done by professional indexer
Using:
☐ Weights   ☐ Logical connectors
☐ Roles   ☐ Truncation
☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
☐ Boolean Logic   ☐ Negation
☑ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☐ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
☑ Questionnaire
☑ Interviews
☑ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? *NO* *only if journal is not in our collection*

X. PROFILE UPDATING
both ☑ By subscriber
       ☑ By indexer
☐ Automatic, by subscriber feedback to computer
☐ Other:

Avg. frequency of updating: *Continuously*

Identify the publication that gives the most complete description of current or planned system:
Presently none. Hope to publish a paper in Sept. (Journal of Chem. Doc.)

Reprint available from respondent? ____

COMMENTS (Continue on page 2)
System is manual - Profiles updated by punched cards.
1) Formal Profile questionaire sent out at beginning of each year.
2) SDI meetings with each section head to determine interest of his group.

COMMENTS (continued)

3.) Technical Information staff attends 6 weeks progress review meetings.

4.) Questionnaire portion of 501 notice used for feedback (ratings and profile changes)

Data Base:
  1.) 600 Journals per month
  2.) 3300 Government abstracts per month
  3.) Current Contents
  4.) Patent Abstracts (Official Gazette and Derwent Reports) approximately 6,000 scanned per week 33,000 per month)

During 1968 Open Literature Only
  9000 Notices Disseminated
  1600 References and abstracts
  % Precision based on users rating 74%

Last quarter of 1968 saw a rise in notices disseminated. Presently we are sending out between 1000 and 1200 per month for Open Literature alone. Patent area has not been tabulated as yet.

36 Broad Subject Areas reflect 88.3% of all notices disseminated in 1968 and 71.9% of all references in 1968

FUTURE PLANS

Presently we are just looking. Eventually we will be computerized. However no projection can be made at this time.

In addition each notice is stored in subject folder for retrospective searching

Also Canary Yellow paper is used for the notice. Attention getting device. Sample attached.

If cost data on system is available, please check here. _____

Name of Respondent R.E.ODETTE	Organisation & Address Chemical Abstracts Service University Post office Columbus, Ohio 43210	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 614-243-5022		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals ☐ Small groups ☐ Organisations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer IBM, 1401, 1410,
  - Mfgr./Model 360/40 and up
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: 20,000 +

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☐ Journal articles ____ %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☐ Other ____ %

N.A., mostly journals and patents

Major broad subject area: chemistry + chemical engineering

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☒ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: depends on data base
Indexed in-house? yes

VI. INDEXING OF PROFILES
- ☒ Done by subscriber with aid
- ☐ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: variable

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: No meaningful data
Run frequency: weekly & biweekly

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE) N.A.

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☒ Other: profile change

Do you provide copies of documents on request? ____
only of Russian journals

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback
  to computer
- ☐ Other:

Avg. frequency of updating: average not meaningful

Identify the publication that gives the most complete description of current or planned system:
CAS catalog; reprints

Reprint available from respondent? yes

COMMENTS (Continue on page 2)

CAS produces seven magnetic tape data bases with search programs designed to permit SDI by subscribers. Some searching may be done at CAS. Several information centers are now offering SDI to public using CAS data bases. A microfilm file of 4,000,000 + abstracts may be integrated with the SDI.

Special Interest Group on SDI, American Society for Information Science

COMMENTS (continued)

Chemical Abstracts Service has operated computer-based SDI since about 1965 when users could subscribe to a search service conducted on our Columbus computers according to subscriber profiles which we helped refine. Two different tape data bases were available.

Today, while we still will search for subscribers who do not have computers or who do not wish to use their computers for some reason, we encourage such users to work with one of the several information centers that we permit to use our data bases in this manner.

We are perhaps not an SDI service in the sense implied in the survey form, but I think the kind of thing we do and the scale on which it is done should be of interest to people interested in SDI.

I presume you know about the survey done by Jonker Business Machines for, I believe, AFOSR.

FUTURE PLANS

If cost data on system is available, please check here. *(catalog)*

Name of Respondent Peter F. Urbach	Organization & Address Clearinghouse for Federal Scientific & Technical Info. 5285 Port Royal Road Springfield, Virginia 22151	I wish to receive copies of all responses. X☐ (You may check even if you don't complete form.)
Phone 321-8572		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organisations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model _UNIVAC 1107_
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☑ Other (use comment block below)

Total number of citations per month: _2,500_

IV. TYPES OF DOCUMENTS
- ☑ Reports _90_ %
- ☑ Journal articles _10_ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☑ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _Yes_

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

The Clearinghouse does not currently have an SDI system in the conventional sense. A new announcement service, _Clearinghouse Announcements in Science and Technology_, is a selective announcement medium which is similar in some respects to an SDI system. No individual user profiles are maintained, although user

COMMENTS (continued)

reaction to the service is considered in modifying the subject category scheme. Announcements are issued in 46 pre-defined subject areas. Announcements are mailed twice a month and range from 0 documents to 60 documents announced per semi-monthly period per category. In a typical subject category 25 documents are announced per period. At the present time this announcement product has approximately 4,000 subscribers who each pay $5.00 per year for the first category of interest and an additional $5.00 for every two additional categories of interest. The average subscriber orders 5 subject categories.

All of the reports entering the Clearinghouse system, approximately 30,000 Government research and development reports annually, are announced in the <u>Clearinghouse Announcements in Science and Technology</u>. Some reports are cross-referenced to several of the 46 subject categories.

The product is produced as a by-product of the production of the Clearinghouse abstract journal, <u>U.S. Government Research and Development Reports</u>. Machineable document records are sorted on a UNIVAC 1107 computer and formatted on an IBM 360/40 for photocomposition on the Government Printing Office's Linotron machine. Printing of the announcements is done at the field printing plant in the Clearinghouse.

Future plans for this service include expanding the number of subject categories to provide smaller and more selective announcements to Clearinghouse users.

FUTURE PLANS

The Clearinghouse has no present plans to implement a conventional SDI system.

If cost data on system is available, please check here. _____

Name of Respondent PATRICIA PANNIER	Organization & Address MEDLARS UNIV. OF COLORADO MEDICAL CENTER LIBRARY 9200 E. NINTH AVE. DENVER, COLO. 80220	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 303-394-7501		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pil operation
- ☐ Planning stage
- Present no. of subscribers: __17__
- ☒ Individuals ☐ Small groups ☐ Organizations
- Projected subscribership in 6 months: Same

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __HONEYWELL 800-200__
  - Program language __ARGUS__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: __NATIONAL LIBRARY OF MEDICINE__
- ☐ Other (use comment block below)

Total number of citations per month: __17,000__

IV. TYPES OF DOCUMENTS
- ☐ Reports ___%
- ☒ Journal articles __100__%
- ☐ Trade magazines ___%
- ☐ Patents ___%
- ☐ Other ___%

Major broad subject area: __Biomedicine__

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: __10__
Indexed in-house? ~~(NLM)~~

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional ~~indexer~~ Searcher
- Using:
  - ☐ Weights   ☒ Logical connectors
  - ☐ Roles   ☐ Truncation
  - ☐ Links   ☐ Other:

Avg. no. terms per profile: __50__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

User - 80
Avg. no retrievals/user/run: batch - 1800
Run frequency: once a month

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout ~~(paper)~~ Cards
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other: personal interaction

Do you provide copies of documents on request? not directly

X. PROFILE UPDATING
- ☒ By subscriber } interaction
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: Once a year

Identify the publication that gives the most complete description of current or planned system:

There is none.

'Reprint available from respondent? ____

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent	Organisation & Address	I wish to receive copies of all responses. ☑
A. G. CHENEY	U.K. ATOMIC ENERGY AUTHORITY CULHAM LABORATORY ABINGDON BERKSHIRE ENGLAND	
Phone ABINGDON 1840		(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **200**
- ☑ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: **SAME**

II. PROCESSING MODE
- ☑ Computer   I.C.L (ENGLISH ELECTRIC)
  - Mfgr./Model ___ KDF 9 ___
  - Program language ___ FORTRAN ___
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☑ In-house documents
- ☑ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: **500**

IV. TYPES OF DOCUMENTS
- ☐ Reports **35** %
- ☐ Journal articles **65** %
- ☐ Trade magazines ___ %
- ☐ Patents ___ %
- ☐ Other ___ %

Major broad subject area: **PHYSICS (PLASMA PHYSICS)**

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☑ Free terms   ☐ Roles
- ☑ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: **10**
Indexed in-house? **REPORTS YES**

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights   ☑ Logical connectors
- ☐ Roles   ☑ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: **15**

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic   ☑ Negation
- ☐ Single term match   ☑ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: **5**
Run frequency: **1 per week**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☑ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **YES TO IN-HOUSE SUBSCRIBERS**

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **3 - 6 MONTHS**

Identify the publication that gives the most complete description of current or planned system:
1. ASLIB PROCEEDINGS **20** 1 p60 (1968)
2. INFORMATION STORAGE AND RETRIEVAL **4** p18: (1968)

Reprints available from respondent? **YES**

COMMENTS (Continue on page 2)
System became operational April 1966. It serves about 100 in-house subscribers and 100 subscribers external to the Laboratory in laboratories throughout the world. The external users have been supplied with the service free of charge on an experimental basis, but it is hoped to run this on a commercial basis in the near future. FUTURE PLANS: On-line profiles with modification and update by users. Cost data is available.

Name of Respondent Morens Boman	Organisation & Address Danish Technical Library Documentation department O. Voldgade lo, Copenhagen K Denmark	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone		

I. STATUS OF SYSTEM
X ☑ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: 60
☑ Individuals   ☑ Small groups   ☐ Organisations
Projected subscribership in 6 months:

II. PROCESSING MODE
X ☐ Computer
Mfgr./Model   360/50 IBM
Program language
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☐ Selected external documents
☑ External tape
From: CAS and EI
☐ Other (use comment block below)

Total number of citations per month: 1500

IV. TYPES OF DOCUMENTS
☐ Reports _____ %
☐ Journal articles 100 %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _____ %

Major broad subject area: Chemistry Electronic

V. INDEXING OF CITATIONS
☐ Thesaurus   ☐ Weights
X ☐ Free terms   ☐ Roles
X ☐ Words in title ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: 20
Indexed in-house? _____

VI. INDEXING OF PROFILES
X ☐ Done by subscriber and
☐ Done by professional indexer
Using:
☐ Weights   X ☐ Logical connectors
☐ Roles   ☐ Truncation
☐ Links   ☐ Other:

Avg. no. terms per profile: 20

VII. MATCHING TECHNIQUE
X ☐ Boolean Logic   ☐ Negation
X ☐ Single term match ☐ Must terms
X ☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: every two weeks

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
X ☐ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
X ☐ Questionnaire
X ☐ Interviews
☐ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
X ☐ By subscriber
☐ By indexer
☐ Automatic, by subscriber feedback to computer
☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Folders from CAS and EI plus articles in different journals

See also enclosed material

Reprint available from respondent? _____

COMMENTS (Continue on page 2)   Cost data is available.

The documentation department (headed by M.Sc. Helge J. Skov) are operating two full systems, but plan to have other SDI-services as soon as available.

A new IBM 360/65 is to be used in the fall.

Name of Respondent W. M. McCollough	Organization & Address Defense Documentation Center Special Products Branch, Cameron Station Alexandria, Virginia 22314	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 202-694-7206		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __23__
☐ Individuals ☐ Small groups ☒ Organizations
Projected subscribership in 6 months: **28**

II. PROCESSING MODE
- ☒ Computer
    - Mfgr./Model __UNIVAC 1108__
    - Program language __Sleuth I__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
    - From: _____
- ☒ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☒ Reports __95__ %
- ☒ Journal articles __5__ %
- ☐ Trade magazines __ %
- ☐ Patents __ %
- ☐ Other __ %

Major broad subject area: **Military R&D**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☒ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __10-15__
Indexed in-house? __Yes__

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☒ Roles
- ☐ Links
- ☐ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: __12__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: __Semi-monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Once/6 months__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

The above information pertains to Recurring Tailored Bibliographies which primarily support the needs of the Department of Defense Information Analysis Centers. DDC acquires, processes, and stores scientific and technical reports of Defense-sponsored research, development, test and evaluation (RDT&E) efforts. At present, there are 23 users receiving 107 reports on a semimonthly basis, with a total annual issuance of 2,782 reports. Recurring Tailored Bibliographies provide selective information to certain users who presently find the Field/Group categories not selective enough for their use.

Special Interest Group on SDI, American Society for Information Science

Name of Respondent Virginia Raynes Phone (213) 593-4907	Organization & Address : Douglas Aircraft Co. 3855 Lakewood Blvd. Long Beach. Calif.	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM ☒ Operational ☐ Pilot operation ☐ Planning stage Present no. of subscribers: ~~671~~ ☒ Individuals ☒ Small groups ☐ Organizations Projected subscribership in 6 months:	**II. PROCESSING MODE** 7094 ☒ Computer Mfgr./Model ~~360-65~~ Program language Samson ☐ Punched card equipment only ☐ Primarily manual
III. CITATION INPUT ☒ In-house documents ☒ Selected external documents ☐ External tape From: _____ ☐ Other (use comment block below) Total number of citations per month: ____	**IV. TYPES OF DOCUMENTS** ☒ Reports 100 % ☐ Journal articles ____ % ☐ Trade magazines ____ % ☐ Patents ____ % ☐ Other ____ % Major broad subject area:
V. INDEXING OF CITATIONS ☒ Thesaurus ☐ Weights ☐ Free terms ☐ Roles ☐ Words in title ☐ Links ☐ Automatic text analysis ☐ Other: Avg. no. terms per document: 10 Indexed in-house? Yes	**VI. INDEXING OF PROFILES** ☐ Done by subscriber ☒ Done by professional indexer Using: ☐ Weights ☐ Logical connectors ☐ Roles ☐ Truncation ☐ Links ☐ Other: Avg. no. terms per profile: ____
VII. MATCHING TECHNIQUE ☐ Boolean Logic ☒ Negation ☒ Single term match ☒ Must terms ☒ Weights & hit level ☐ Percent match ☐ Other: Avg. no retrievals/user/run: 200 Run frequency: ~~BT~~ Weekly	**VIII. FORM OF ANNOUNCEMENT** ☐ Cards with machine-readable stubs ☐ Computer printout (paper) ☐ Reproduced abstracts ☐ Reproduced documents ☒ Other: 2 part Card (PLEASE ATTACH SAMPLE)
IX. SUBSCRIBER FEEDBACK ☐ Questionnaire ☐ Interviews ☐ User evaluation of each citation ☒ Orders for documents ☐ Other: Do you provide copies of documents on request? Yes	**X. PROFILE UPDATING** ☒ By subscriber ☐ By indexer ☐ Automatic, by subscriber feedback to computer ☐ Other: Avg. frequency of updating: Yearly

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☑
Marilyn T. Brown	Dow Chemical Company Midland, Mich. 48640	(You may check even if you don't complete form.)
Phone 517-636-4347		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _400_
- ☑ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _600_

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model _Burroughs 5500_
  - Program language _Algol, Cobol, Fortran_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☑ In-house documents
- ☐ Selected external documents
- ☑ External tape
  - From: _CA, BA, Engineering Index_
- ☐ Other (use comment block below)

Total number of citations per month: _15,000_

IV. TYPES OF DOCUMENTS
- ☐ Reports _4_ %
- ☐ Journal articles _92_ %
- ☐ Trade magazines _____ %
- ☐ Patents _4_ %
- ☐ Other _____ %

Major broad subject area: _Chemistry_

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☑ Words in title
- ☐ Automatic text analysis
- ☑ Other: _all words in text are inverted and searched_
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _10 for title only_
Indexed in-house? _90 for documents including abstracts_

VI. INDEXING OF PROFILES
- ☑ Done by subscriber } _working together_
- ☑ Done by professional indexer }

Using:
- ☑ Weights ☐ Logical connectors
- ☐ Roles ☑ Truncation
- ☑ Links ☐ Other:

Avg. no. terms per profile: _60_

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic ☑ Negation
- ☑ Single term match ☐ Must terms
- ☑ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _50_
Run frequency: _biweekly for most services_

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☑ Other: _non-machine-readable cards_

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☑ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _yes_

X. PROFILE UPDATING
- ☑ By subscriber
- ☐ By indexer
- ✗ ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _each month for new users, annually for others_

Identify the publication that gives the most complete description of current or planned system:
"_A Computerized Current Awareness System Using Chemical Abstracts Tape Services_" given at SLA meeting at L.A., June, 1968, but not published Reprint available from respondent? _yes_

COMMENTS (Continue on page 2)

✗ planned

We have a schedule of charges for our services.

Special Interest Group on SDI, American Society for Information Science

Name of Respondent John W. Carrigy	Organization & Address Engineering Index, Inc. 345 East 47th Street New York, N. Y. 10017	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone (212) 752-6800		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage
Present no. of subscribers: 14
- ☐ Individuals   ☐ Small groups   ☒ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer   30
  - Mfgr /Model 360/~~40~~ (1401 Compatibility)
  - Program language Autocoder (65%)
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT (see below)
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below) 700 plastics

Total number of citations per month: 1000 E/E

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles 84.0%
- ☐ Trade magazines _____ %
- ☒ Patents 1.0 %
- ☒ Other 15.0%

Major broad subject area: All areas of ~~Master F~~ Engineering

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☒ Roles
- ☐ Words in title   ☒ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: 5
Indexed in-house? yes

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☒ Done by professional indexer* over
Using:
- ☐ Weights   ☒ Logical connectors
- ☒ Roles   ☒ Truncation
- ☒ Links   ☐ Other:

Avg. no. terms per profile: 18-20

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user run: 30
Run frequency: 1 ea. month

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☒ Other: (year end reports)

Do you provide copies of documents on request? no
(see below)

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: generally every 3-4 months

Identify the publication that gives the most complete description of current or planned system:
User's Guide - primer for search service users.
(Plus additional, informal information supplement)

Reprint available from respondent? yes

COMMENTS (Continue on page 2)

- III - input unit includes CITATION, index terms, Authors, Title, subject headings
- IX - Copies of documents can be supplied by ESL (Engineering Societies Library)
- IV - Coverage also includes - proceedings, conferences, symposia

COMMENTS (continued)

Abstracts are provided for the total input for each cycle in both of the fields of interest.

- Plastics search service users receive a subscription to the <u>Plastics Monthly</u>. (There is a charge of $250. per year)

- E/E search service users receive the complete input on microfiche. (There is no charge for this).

FUTURE PLANS

Please refer to attached announcement on COMPENDEX. Use of the CFS package (Combined File Search - 1401 - autocoder system out of the IBM library) will be phased out at the end of 1969. CITE will continue as a service, however, making available subsets of the total input as appropriate in the TEXT-PAC format (an IBM Library Program) used for COMPENDEX.

If cost data on system is available, please check here. __X__

Name of Respondent A. Hood Roberts Phone 202 265-3100	Organization & Address ERIC Clearinghouse for Linguistics Center for Applied Linguistics 1717 Massachusetts NW Washington, D. C. 20036	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __103__

☐ Individuals   ☐ Small groups   ☒ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☒ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☒ Other (use comment block below)

Total number of citations per month: __10__

IV. TYPES OF DOCUMENTS
- ☐ Reports ____%
- ☐ Journal articles ____%
- ☐ Trade magazines ____%
- ☐ Patents ____%
- ☐ Other ____%   **Linguistics**

Major broad subject area: **Generative Grammar**

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: **none used**

Indexed in-house? _____ **at the moment**

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____

Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☒ Reproduced documents
- ☐ Other:

mimeograph

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **no**

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

The Management of Small Special Interest Groups; Some Considerations
Proceedings, 31st Annual Meeting of ASIS in Columbus, Ohio

Reprint available from respondent? **yes**

The PEGS Program is in the process of reorganization. Announcement describing its new mode of operation will be published in the Clearinghouse Bulletin or will be sent on request after May 1, 1969. FUTURE PLANS: DILLS, or Dissemination of Information in Linguistics and the Language Sciences will include additional subfields of linguistics. It will publish a bi-weekly abstract bulletin of pre-publication papers, with hard copies or microfiche of the latter available from the National Cash Register Co. It is hoped that the program will become operational in early summer of 1969.

Special Interest Group on SDI, American Society for Information Science

Best Available Copy

SDI SYSTEM FACT SHEET

| Name of Respondent
C.J. Feil

Phone
212-971-3829 | Organisation & Address
F.W. Dodge Div-McGraw Hill
Information Systems Co
330M42, NY, NY 10036 | I wish to receive copies of all responses. ☒
(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: 65,500
☒ Individuals ☐ Small groups ☒ Organisations
Projected subscribership in 6 months: SAME

II. PROCESSING MODE
☒ Computer
Mfgr./Model IB Model 1130
Program language _____
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☒ In-house documents
☐ Selected external documents
☐ External tape
From: _____
☐ Other (use comment block below)

Total number of citations per month: 4,500

IV. TYPES OF DOCUMENTS
☒ Reports 100 %
☐ Journal articles _____ %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _____ %

Major broad subject area: Construction Reports

V. INDEXING OF CITATIONS
☒ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: 20/500
Indexed in-house? YES

VI. INDEXING OF PROFILES
☒ Done by subscriber
☐ Done by professional indexer
Using:
☐ Weights   ☐ Logical connectors
☐ Roles   ☐ Truncation
☐ Links   ☒ Other: Thesaurus

Avg. no. terms per profile: 500

VII. MATCHING TECHNIQUE
☒ Boolean Logic   ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☐ Computer printout (paper)
☐ Reproduced abstracts
☒ Reproduced documents
☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☐ Interviews
☐ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? YES

X. PROFILE UPDATING
☒ By subscriber
☐ By indexer
☐ Automatic, by subscriber feedback to computer
☐ Other:

Avg. frequency of updating: ANNUALLY

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? YES

COMMENTS (Continue on page 2)

Special Interest Group on SDI, American Society for Information Science

41

COMMENTS (continued)

LA 38 /188 631   2½-9-A-3   BIDS SOON
1-27-69-

CAPPY FISH & CHIPS DRIVE IN RESTAURANT CB
LAS VEGAS NEV (CLARK CO) BOULDER HWY AT
    NELLIS
PROSPECTIVE BIDDERS ON GC - OWNER TAKING BIDS
    ON GC DUE IMMEDIATELY
OWNER - EARL MCNIVEN 3838 RAYMART LAS VEGAS
    NEV (702/737-3210)
ARCHT - TATE & DROBUSKY 214 MARYLAND PKWY
    LAS VEGAS NEV (702/382-9131)
ENGR (STRUCL-MECH-ELEC-KITCHEN) - ARCHT DOES
    STUCCO EXT WALLS-NO BACKUP-REDWD EXT
    TRIM-1 STY-NO BASMT-900 SQ FT DIMS-WALL
    BEARING CONST-CONC FLR CONST-WD RF CONST
    PLYWD RF DK-INCLS PATIO-BRK WALL FENCE-
    PRD CONC FDNS-ELEC HTG & AIR CONDTG (5
    TON CAP)-QUARRY TILE-SHEET VINYL FIN
    FLRG-REDWD WINDOW SASHES-ALUM SHGL RF
    MATL-NO SPECIAL TYPE DRS-DRYWALL
    MARLITE PANEL INT WALL FIN-FIRE SPKLRS
    NO ACOUST MATLS-ELEV OR DEMOL
GC INCLS ALL TRADES
SPECS OBT FROM OWNER - NO CHG
OWNER MAY REQ BONDS
PROSPECTIVE BIDDERS ON GC
(/ INDICATES REQ FOR SUB-BIDS)
(ALL ADDRESSES IN NEVADA AND AREA CODE 702
    UNLESS OTHERWISE NOTED)
/BEN O DAVEY CONST CO 1772 INDUSTRIAL RD
    LAS VEGAS (382-7212)
WADSWORTH BROS CONST 3033 LOSEE LAS VEGAS
    (642-7684)
ALLEN CONST CO 120 E FLAMINGO RD LAS
    VEGAS (385-3403)

sample announcement

If cost data on system is available, please check here. _____

42

Name of Respondent **A.P. Lurie** Phone **716-458-1000** **Ext 76089**	Organization & Address **Eastman Kodak Co.** **Research Laboratories** **Rochester, N.y. 14650** **Bldg. 85**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

·I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **65**
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribe-ship in 6 months: **85**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **IBM 360/40**
  - Program language **Assembler**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT **(Chemical Titles)**
- ☐ In-house documents
- ☒ Selected external documents
- ☒ External tape
  - From **Chemical Abstracts**
- ☐ Other (use comment block below)

Total number of citations per month: **10 M**

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles **100** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: **Chemistry – Chemical Engineering**

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:

- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: **10 - 15**
Indexed in-house? **No**

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☒ Done by professional indexer **(See 1 below)**
- Using:
  - ☒ Weights
  - ☐ Roles
  - ☐ Links
  - ☒ Logical connectors
  - ☒ Truncation
  - ☐ Other:

Avg. no. terms per profile: **35**

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☒ Weights
- ☐ Other:

- ☒ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: **60**
Run frequency: **Biweekly**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

✓ PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews **(to a lesser extent)**
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **See 2 below**

Identify the publication that gives the most complete description of current or planned system:
"Title Searching" – published by Chemical Abstracts Service

Reprint available from respondent? **No**

COMMENTS (Continue on page 2)

(1) Profiles are constructed by professional indexer after considerable consultation with the subscriber in an effort to produce most meaningful profile.

(2) The subscriber and/or indexer modify the profile to correct for unwanted or useless references. Updating ceases to be a problem after the profile has been used for several issues of Chemical Titles.

Special Interest Group on SDI, American Society for Information Science

| Name of Respondent

R.H. Wagner

Phone
716-458-1000
Ext 75580 | Organisation & Address

Research Laboratories
Eastman Kodak Co.
Rochester, N.Y. 14650 | I wish to receive copies of all responses. [X]

(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- [X] Operational
- [ ] Pilot operation
- [ ] Planning stage

Present no. of subscribers: __36__
[X] Individuals & [X] Small groups [ ] Organisations
Projected subscribership in 6 months: __45__

II. PROCESSING MODE
- [X] Computer
  - Mfr./Model __IBM 360/30__
  - Program language __Multicoder__ (Kodak)
- [ ] Punched card equipment only
- [ ] Primarily manual

III. CITATION INPUT
- [ ] In-house documents
- [ ] Selected external documents
- [X] External tape
  - From: __Engineering Index__
- [ ] Other (use comment block below)

Total number of citations per month: __700__

IV. TYPES OF DOCUMENTS
- [ ] Reports _____ %
- [ ] Journal articles __80__ %
- [ ] Trade magazines _____ %
- [ ] Patents __20__ %
- [ ] Other _____ %

Major broad subject area:(Plastics & Polymers)

V. INDEXING OF CITATIONS
- [X] Thesaurus
- [ ] Free terms
- [ ] Words in title
- [ ] Automatic text analysis
- [ ] Other:
- [ ] Weights
- [X] Roles
- [X] Links

Avg. no. terms per document: __20__
Indexed in-house? __No__

VI. INDEXING OF PROFILES
- [ ] Done by subscriber
- [X] Done by professional indexer

Using:
- [ ] Weights
- [ ] Roles
- [ ] Links
- [X] Logical connectors
- [ ] Truncation
- [ ] Other:

Avg. no. terms per profile: __85 (170 profiles)__

VII. MATCHING TECHNIQUE
- [X] Boolean Logic
- [ ] Single term match
- [ ] Weights & hit level
- [ ] Other:
- [X] Negation
- [X] Must terms
- [ ] Percent match

Avg. no retrievals/user/run: __55__
Run frequency: __Monthly__

VIII. FORM OF ANNOUNCEMENT
- [ ] Cards with machine-readable stubs
- [ ] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Reproduced documents
- [X] Other: Cards

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- [ ] Questionnaire
- [ ] Interviews
- [X] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- [ ] By subscriber
- [X] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other:

Avg. frequency of updating: __Every month, as required__

Identify the publication that gives the most complete description of current or planned system:

J. Chem. Documentation _9_, (in press), (1969)

Reprint available from respondent? __Yes__

COMMENTS (Continue on page 2)

| Name of Respondent

R.H. Wagner

Phone
716-458-1000
Ext 75580 | Organisation & Address

Research Laboratories
Eastman Kodak Co.
Rochester, N.Y. 14650 | I wish to receive copies of all responses. ☒

(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __18__
☒ Individuals & ☒ Small groups ☐ Organizations
Projected subscribership in 6 months: __30__

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __IBM 360/30__
  - Program language __Multicoder__ (Kodak)
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: __Engineering Index__
- ☐ Other (use comment block below)

Total number of citations per month: __1000__

IV. TYPES OF DOCUMENTS
- ☐ Reports __5__ %
- ☐ Journal articles __95__ %
- ☐ Trade magazines ____ %
- ☐ Patents __0__ %
- ☐ Other ____ %

Major broad subject area: __Electrical & Electronic Engr.__

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __12__
Indexed in-house? __No__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: __43 (58 profiles)__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __25__
Run frequency: __Monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other: __Cards__

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Every month, as required__

Identify the publication that gives the most complete description of current or planned system:

__J. Chem. Documentation 9, (in press), (1969).__

Reprint available from respondent? __Yes__

COMMENTS (Continue on page 2)

Name of Respondent A.P. Lurie R.H. Wagner Phone 716-458-1000 Ext. 75580	Organisation & Address Eastman Kodak Co. Research Laboratories Bldg. 85 Rochester, N.Y. 14650	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __85__
☒ Individuals ☒ Small groups ☐ Organisations
Projected subscribership in 6 months: __125__

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __IBM 360/65__
  - Program language __Basic Assembler__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT   CA-Condensates
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: __Chem. Abstracts Service__
- ☐ Other (use comment block below)

Total number of citations per month: __20 M__

IV. TYPES OF DOCUMENTS
- ☐ Reports __10__ %
- ☐ Journal articles __70__ %
- ☐ Trade magazines ____ %
- ☐ Patents __15__ %
- ☐ Other __5__ % (Other Secondary Journals)

Major broad subject area:
__Chemistry & Chem. Eng.__

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☒ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: unique __20__
Indexed in-house? __No__

VI. INDEXING OF PROFILES (Interest Profiles)
- ☐ Done by subscriber
- ☒ Done by professional indexer i.e., managers

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: __47__ (119 profiles)

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __100__
Run frequency: __Biweekly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

X (PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Biweekly, as & when required__

Identify the publication that gives the most complete description of current or planned system:

None known, at present, except for documentation available from CAS.

Reprint available from respondent? __No__

COMMENTS (Continue on page 2)

Name of Respondent GARWIG, PAUL L. **Phone** 609-452-2300, x.250	**Organisation & Address** FMC CORPORATION CHEMICAL RESEARCH AND DEVELOPMENT CENTER BOX 8, PRINCETON, N.J. 08540	**I wish to receive copies of all responses.** ☑ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **50**
- ☑ Individuals ☑ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☑ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☑ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: **500**

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☑ Journal articles ____ %
- ☑ Trade magazines ____ %
- ☑ Patents ____ %
- ☐ Other ____ %

Major broad subject area: **Chemistry**

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☑ Other: *manual - interest profiles*
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☑ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: **8-10**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other: *manual-reading*
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: *Weekly*

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☑ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other: *news items*

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☐ User evaluation of each citation
- ☑ Orders for documents
- ☑ Other: *mgmt. evaluation*

Do you provide copies of documents on request? *yes*

X. PROFILE UPDATING
- ☑ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: *Quarterly*

Identify the publication that gives the most complete description of current or planned system: *None*

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

We were one of the participants in the original SDI experiment conducted by Chemical Abstracts, but we no longer subscribe to that service.

FUTURE PLANS: To expand the range of literature covered by the service.

Name of Respondent Urban J. Sweeney	Organisation & Address Technical Library General Dynamics, Elect Div 1400 N Goodman St Rochester, N.Y. 14601	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 716 342 8000 x 5914		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _63_
- ☒ Individuals ☒ Small groups ☐ Organizations

Projected subscribership in 6 months: _120_

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _IBM-360/50_
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

7010 Mode (At Present)

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: _NASA_
- ☐ Other (use comment block below)

Total number of citations per month: _7-8000_

IV. TYPES OF DOCUMENTS
- ☐ Reports _40_ %
- ☐ Journal articles _45_ %
- ☐ Trade magazines _10_ %
- ☐ Patents _5_ %
- ☐ Other _____ %

Major broad subject area: _____

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _12_
Indexed in-house? _NO_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _36.5_
Run frequency: _1 Per month_

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _Yes_

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _most profiles updated 1-2 per year_

Identify the publication that gives the most complete description of current or planned system:

"The Technical Library offers computerized information" Information and Records management Vol 2 no 2 Dec Jan 1967-68 P 25 +

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

The system is very well received by those who have availed themselves of it. It requires constant monitoring to stay atuned to the specific requirements of the users. FUTURE PLANS: We hope to increase our number of users and to become operational using a 360 program.

Name of Respondent C.J. SCHMIDT	Organization & Address NAVAL REACTOR INFORMATION CENTER (NRIC) GENERAL ELECTRIC COMPANY KNOLLS ATOMIC POWER LABORATORY P.O. BOX 1072 SCHENECTADY, N.Y. 12301	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone (518) 393-6611 Ext 7225		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: approx. 250
☒ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months: Same

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model CDC 6600
  Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☒ External tape
  From: USAEC's Div.of Tech.Info. Exchg.*
- ☐ Other (use comment block below)

*Not operational at present
Total number of citations per month: 350

IV. TYPES OF DOCUMENTS
- ☒ Reports   95 %
- ☒ Journal articles   1 %
- ☐ Trade magazines ___ %
- ☐ Patents ___ %
- ☒ Other   4 %

Major broad subject area: Naval reactor technology

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☒ Free terms
- ☒ Words in title *
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☒ Roles
- ☒ Links

Avg. no. terms per document: 25
Indexed in-house? Yes
*accessible in KWIC title sorts

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights   ☒ Logical connectors
- ☒ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: 30, including "range" terms as described below

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☐ Weights & hit level
- ☒ Other: See retrieval capabilities described below
- ☒ Negation
- ☒ Must terms
- ☒ Percent match

Avg. no retrievals/user/run: 10 - 15
Run frequency: approx. monthly

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper) (abstracts included)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire (included with search output)
- ☒ Interview (informal)
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: See notes below on updating

Identify the publication that gives the most complete description of current or planned system:

Schmidt, C. J., Troller, C. E., "KAPL's Computer-Based Information Retrieval System." NRIC-68-8. November 26, 1968. (KAPL-P-3471) (attached)

Reprint available from respondent? Yes

COMMENTS (Continue on page 2) The NRIC system utilizes the TIGIR computer program for information storage, retrieval, and dissemination; capabilities of the system are applicable to retrospective as well as to SDI searches. Retrieval is based on the post-coordination of search terms--for subject, personal author, corporate author, date, and other delimiters--using a logical (modified Boolean) expression. In addition to the Boolean "and," "or," and "not," special operators are available for alphanumeric "range" searching (for all terms x/y, inclusive),

COMMENTS (continued) "multiple or" searching (for any x of y terms), and "switching" logic (which turns the query on when a stated criterion is met and off again when a second criterion is reached - for instance to search only a particular series of accession numbers). A search strategy is set up as a series of subquestions, from most specific to less specific, by eliminating qualifiers or adding more general search terms; all variations of the expression are processed as one search. The search printout displays the most relevant unit records first, followed by the more general, that is, in the same sequence as the subquestions against which the records are matched. Indexing and retrieval terms pertinent to naval reactor technology are contained in the NRIC's subject-classified, hierarchically-ordered thesaurus. The thesaurus is divided into approx. 20 open-ended categories, with an alphabetic letter designation for each section; one of the sections is devoted to role indicators. The terms in each thesaurus category are assigned unique alphanumeric codes in hierarchical sequence; the arrangement of terms and the form of notation allows the NRIC to easily search for ranges or classes of information with a minimum of search terms. For example, the search strategy for all mechanical property information in the system is simply, "U08/U08999;" for the purposes of this survey, such an expression is counted as only one term, although it actually encompasses over 90 unique terms.

The SDI profiles are updated whenever necessary, according to user comments and/or feedback from the forms attached to the SDI search output. In addition, each profile is reviewed at least once a year by the indexer. The actual updating can take place before any SDI computer run.

FUTURE PLANS

Immediate system plans are to provide advanced search modules which can be serially attached to the present search logic; ability to handle other data bases; a method of minimizing the searchable data base during interrogation; remote terminal demonstration in the Information Center; and data system interfacing.

Longer range plans include means for a direct user interface for both interrogation and system input; an experimental semi-automatic iterative search technique, possibly automatic or semi-automatic indexing, and testing and implementation of other advanced system concepts.

If cost data on system is available, please check here. _X___

SDI SYSTEM FACT SHEET

Name of Respondent W. H. Richardson	Organization & Address Allison Division, GMC Library, Plant 8 P.O. Box 894 Indianapolis, Indiana 46206	I wish to receive copies of all responses. ☐ (You may check even if you don't complete form.)
Phone 243-5751		

I. STATUS OF SYSTEM
☑ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: _25_
☑ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☑ Computer
  Mfgr./Model _IBM 7094_
  Program language _FORTRAN_
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☑ In-house documents
☑ Selected external documents
☐ External tape
  From: _____
☐ Other (use comment block below)

Total number of citations per month: _200_

IV. TYPES OF DOCUMENTS
☐ Reports _90_ %
☐ Journal articles _____ %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _10_ %

Major broad subject area: _Mechanical engineering_
(gas turbine engines)

V. INDEXING OF CITATIONS
☑ Thesaurus ☐ Weights
☐ Free terms ☐ Roles
☐ Words in title ☑ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _8_
Indexed in-house? _Yes_

VI. INDEXING OF PROFILES
☑ Done by subscriber
☑ Done by professional indexer
Using:
  ☐ Weights ☐ Logical connectors
  ☐ Roles ☐ Truncation
  ☑ Links ☐ Other:

Avg. no. terms per profile: _6_

VII. MATCHING TECHNIQUE
☑ Boolean Logic ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other

Avg. no retrievals/user/run: _8_
Run frequency: _monthly_

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☑ Computer printout (paper)
☑ Reproduced abstracts
☐ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☑ Interviews
☐ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? _Yes_

X. PROFILE UPDATING
☑ By subscriber
☐ By indexer
☐ Automatic, by subscriber feedback
  to computer
☐ Other:

Avg. frequency of updating: _Semi-annual_

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent ____

COMMENTS (Continue on page 2)

Name of Respondent G. H. Kiesewetter Phone 212-225-5000	Organisation & Address General Telephone & Electronics Lab. 208-20 Willets Point Boulevard Bayside, N.Y. 11360	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organisations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfr./Model _____ IBM 1401 _____
  - Program language _____ SPS _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: 200

IV. TYPES OF DOCUMENTS
- ☐ Reports 100 %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____

Major broad subject area: **Electronics Metallurgy**

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☒ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: n.a.
Indexed in-house? n.a.

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☒ Weights   ☐ Logical connectors
- ☐ Roles   ☒ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: 30

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- ☒ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: 8-10%
Run frequency: Bi-weekly

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: varies

Identify the publication that gives the most complete description of current or planned system:

None at present.

Reprint available from respondent? _____

COMMENTS (Continue on page 2,

FUTURE PLANS: Intend to adopt TEXT-PAC as the processing system in the near future. Machine-readable data bases will be utilized as they become available.

SDI SYSTEM FACT SHEET

Name of Respondent *Lora E. Straka* *Head, Technical Information*	Organisation & Address *Goodyear Tire + Rubber Co,* *Akron, Ohio 44316*	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone *794-4980*		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: *~ 100*
☑ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months: ?

II. PROCESSING MODE
- ☑ Computer
  Mfgr./Model *IBM-50*
  Program language *Assemble*
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☑ External tape
  From: *Plasdoc (Derwent)* *Rct J (Chm Ab)*
- ☐ Other (use comment block below)

Total number of citations per month: *2500*

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☑ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☑ Patents _____ %
- ☐ Other _____ %

Major broad subject area: *Plastics + Rubber*

V. INDEXING OF CITATIONS
- ☑ Thesaurus   ☑ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☑ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: *Plasdoc has approx 15*
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights   ☑ Logical connectors
- ☐ Roles   ☑ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: *10*

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic   ☑ Negation
- ☑ Single term match   ☑ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: *Varies*
Run frequency: *monthly*

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☑ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☑ Questionnaire
- ☑ Interviews
- ☐ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? *Yes*

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: *Varies*

Identify the publication that gives the most complete description of current or planned system:

None

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Name of Respondent Blanche B. White, Miss **Phone** 301 - 531-5711 Ext. 573	Organisation & Address W. R. Grace & Company Research Division Washington Research Center Clarksville, Maryland 21029	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: ___60___
- ☑ Individuals ☑ Small groups ☐ Organisations

Projected subscribership in 6 months: 75

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model IBM 360/30
  - Program language ASSEMBLY
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☑ External tape
  - From: CAS - CHEMICAL TITLES
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports ___%
- ☐ Journal articles 100 %
- ☐ Trade magazines ___%
- ☐ Patents ___%
- ☐ Other ___%

Major broad subject area: CHEMISTRY

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☑ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: ___?___
Indexed in-house? ___No___

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☑ Weights ☑ Logical connectors
- ☐ Roles ☐ Truncation
- ☐ Links ☐ Other:

Avg. no. terms per profile: ___35___

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic ☑ Negation
- ☐ Single term match ☐ Must terms
- ☑ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: ___25___
Run frequency: BIMONTHLY

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☐ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? NO

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: VARIABLE

Identify the publication that gives the most complete description of current or planned system: NONE

Reprint available from respondent? ___

COMMENTS (Continue on page 2)

Name of Respondent A. B. Mobley	Organization & Address Highway Research Board 2101 Constitution Avenue, N. W. Washington, D. C. 20418	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 202-961-1782		

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: ___40___
☐ Individuals ☐ Small groups ☒ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☒ Computer
    Mfgr./Model ___360/30___
    Program language ___Assembler___
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☒ In-house documents
☐ Selected external documents
☐ External tape
    From: _____
☐ Other (use comment block below)

Total number of citations per month: ___800___

IV. TYPES OF DOCUMENTS
☒ Reports ___18___ %
☒ Journal articles ___17___ %
☒ Trade magazines ___15___ %
☐ Patents _____ %
☒ Other ___50___ %

Major broad subject area: Highway Transportation

V. INDEXING OF CITATIONS
☒ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☒ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: ___12___
Indexed in-house? ___Yes___

VI. INDEXING OF PROFILES
☐ Done by subscriber
☒ Done by professional indexer
Using:
    ☒ Weights   ☒ Logical connectors
    ☐ Roles   ☐ Truncation
    ☐ Links   ☐ Other:

Avg. no. terms per profile: ___10___

VII. MATCHING TECHNIQUE
☒ Boolean Logic   ☐ Negation
☐ Single term match   ☐ Must terms
☐ Weights & hit level   ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: ___1___
Run frequency: ___Monthly___

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☒ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☐ Interviews
☒ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? ___No___

X. PROFILE UPDATING
☒ By subscriber
☐ By indexer
☐ Automatic, by subscriber feedback
        to computer
☐ Other:

Avg. frequency of updating: Annual or upon request

Identify the publication that gives the most complete description of current or planned system:

Highway Research News, No. 18, March 1965, pp. 5-

Reprint available from respondent? Yes

COMMENTS (Continue on page 2)

Name of Respondent	Organisation & Address	I wish to receive copies of all responses. ☒
PETER F. SORTER	HOFFMANN-LA ROCHE INC NUTLEY, NEW JERSEY 07110	(You may check even if you don't complete form.)
Phone 2012352718		

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: _____
☐ Individuals ☐ Small groups ☐ Organisations
Projected subscribership in 6 months:

II. PROCESSING MODE
☒ Computer
Mfgr./Model *IBM 360/50*
Program language *FORTRAN*
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☐ Selected external documents
☒ External tape
From: *CBAC*
☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
☐ Reports _____ %
☒ Journal articles *100* %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
☐ Thesaurus ☐ Weights
☒ Free terms ☐ Roles
☐ Words in title ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _____
Indexed in-house? *NO*

VI. INDEXING OF PROFILES
☐ Done by subscriber
☒ Done by professional indexer
Using:
☐ Weights ☐ Logical connectors
☐ Roles ☐ Truncation
☐ Links ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
☒ Boolean Logic ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: *BIWEEKLY*

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☒ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☒ Interviews
☒ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
☐ By subscriber
☒ By indexer
☐ Automatic, by subscriber feedback to computer
☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Name of Respondent T. F. Lindsley	Organization & Address IBM Technical Information Retrieval Center Old Orchard Road Armonk, New York	I wish to receive copies of all responses. ☒
Phone 914-765-2151	10504	(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage
- Present no. of subscribers: *3550*
- ☐ Individuals   ☐ Small groups   ☐ Organizations
- Projected subscribership in 6 months: *3900*

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model *SYSTEM/360 M0050*
  - Program language *PAL*
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☒ External tape
  - From: *CHEM. ABST, ENG. INDEX*
- ☐ Other (use comment block below)

Total number of citations per month: *POST 2500 +*

IV. TYPES OF DOCUMENTS
- ☐ Reports *46.8%*
- ☐ Journal articles *45.5%*
- ☐ Trade magazines _____ %
- ☐ Patents *2.5 %*
- ☐ Other *5.2 %*

Major broad subject area: **Computers and applications**

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other: *FREE TEXT SEARCH*
- Avg. no. terms per document: *125*
- Indexed in-house? *no*

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☒ Done by professional indexer
- Using:
  - ☐ Weights   ☒ Logical connectors
  - ☐ Roles   ☒ Truncation
  - ☐ Links   ☒ Other: *controls*
- Avg. no. terms per profile: *57*

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☒ Negation
- ☒ Single term match   ☒ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other: *ADJACENT WORDS, SENTENCE OR PARAGRAPH COINCIDENCE*
- Avg. no retrievals/user/run: *15*
- Run frequency: *weekly*

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other: *(When copyright permits)*
- Do you provide copies of documents on request? *YES & MICROFICHE*

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other: *ANALYSIS OF RESPONSE CARDS - TELEPHONE*
- Avg. frequency of updating: *2-3 MONTHS*

Identify the publication that gives the most complete description of current or planned system:
ITIRC 023 - "IBM's Uniq... but Operational International Industrial Textual Documentation System - ITIRC"

Reprint available from respondent? *YES*

COMMENTS (Continue on page 2)

X. We update the profiles on a weekly schedule, however, the average single profile changes only about once in two to three months.

VI. Query formulation is done by individuals, librarians or liaison personnel at various locations, and by personnel at the Center or its sub-centers.

Name of Respondent **F. L. Cuddy, Manager** **Technical Reports Center**	Organization & Address **IBM Corporation** **Electronics Systems Center** **Owego, New York 13827**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone **607-687 2121**		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __215__
- ☒ Individuals   ☒ Small groups   ☐ Organizations

Projected subscribership in 6 months: **About Same**

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model __IBM 7094__
  Program language __Fortran__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☐ External tape
  From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __800__

IV. TYPES OF DOCUMENTS
- ☐ Reports __75__ %
- ☐ Journal articles __20__ %
- ☐ Trade magazines __5__ %
- ☐ Patents ____ %
- ☐ Other ____ %

Major broad subject area: **Avionics**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __12__
Indexed in-house? __Yes__

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☒ Other: **Full word descriptors from thesaurus**

Avg. no. terms per profile: __60__

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☒ Must terms
- ☒ Percent match

Avg. no retrievals/user/run: __7__
Run frequency: __Weekly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Semi-annual__

Identify the publication that gives the most complete description of current or planned system:
MERGE: A current-awareness and retrospective searching system for technical documents. 63-816-3301   8/21/63   C. F. Balz and R. H. Stanwood

Reprint available from respondent? **Yes**

COMMENTS (Continue on page 2)
Present system under development from Nov. 1961 and became operational May 1963. System provides these features: SDI, Weekly Bulletins and Cumulative Indexes (in KWIC format) and Searching.

FUTURE PLANS: Conversion from 7094 to 360. Retaining basic features of present system.

Special Interest Group on SDI, American Society for Information Science

SDI SYSTEM FACT SHEET

Name of Respondent ALBERT H. ALLEN	Organization & Address I B M CORP. JDD LIBRARY DEPT 553, CPO /00 KINGSTON, N.Y.	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone 914-383-6375		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _____

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model _____
  - Program language _1401 AUTOCODER_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☑ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☑ Reports _25_ %
- ☐ Journal articles _45_ %
- ☐ Trade magazines _30_ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: _____

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☑ Other: CATEGORY CODES

Avg. no. terms per document: _____
Indexed in-house? _YES_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other: CATEGORY CODES

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☑ Other: CATEGORY CODE SEARCHING

Avg. no retrievals/user/run: _____
Run frequency: ONCE/WEEK

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

> PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☑ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _YES_

X. PROFILE UPDATING
- ☑ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: EVERY WEEK

Identify the publication that gives the most complete description of current or planned system:

1966 ADI PROCEEDINGS
P. 35 T

Reprint available from respondent? _YES_

COMMENTS (Continue on page 2)

Open ended system. New subscribers, new information categories can be added any time.

FUTURE PLANS: Addition of more journals to the data base.

Special Interest Group on SDI, American Society for Information Science

59

Name of Respondent I SI, Inc.	Organization & Address Inst. for Scientific Information 325 Chestnut St. Philadelphia, Pa. 19106	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone 215/923-3300		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: *4 figures*
☑ Individuals ☑ Small groups ☑ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model _36/30_
  - Program language _PL1_
- ☐ Punched card equipment
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☑ Selected external documents *over 2,000 journals*
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below) *see below*

Total number of citations per month: *30,000 Source* *300,000 cited*

IV. TYPES OF DOCUMENTS
- ☐ Reports _____%
- ☑ Journal articles *(95%)* *Define a*
- ☑ Trade magazines *Trade please?*
- ☐ Patents _____%
- ☐ Other _____%

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☑ Free terms
- ☑ Words in title
- ☐ Automatic text analysis
- ☑ Other: *Citation Indexing*
- ☑ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _20 indexing_ *cited references*
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☑ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights ☐ Logical connectors
- ☐ Roles ☐ Truncation
- ☐ Links ☐ Other:

Avg. no. terms per profile: *not available*

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic
- ☑ Single term match
- ☑ Weights & hit level
- ☐ Other:
- ☑ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: *not available*
Run frequency: *weekly*

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☑ Other: *Tear Sheets*

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☑ Questionnaire
- ☑ Interviews
- ☑ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other: *Profile modification at any time*

Do you provide copies of documents on request? *Yes Tear Sheets*

X. PROFILE UPDATING
- ☑ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: *weekly + quarterly profile review of status*

Identify the publication that gives the most complete description of current or planned system:
Attached reprints: ISI experience with SDI, J. Chem. Doc.

Reprint available from respondent? *Yes*

COMMENTS (Continue on page 2)
III This question seems to be designed primarily for organizations that do not sell information services but merely produce for their own use.

COMMENTS (continued)

ISI operates a commercial SDI service called
ASCA -- Automatic Subject Citation Alert. There is
considerable literature on this service which is used
throughout the world. Weekly reports are sent to subscribers.
ASCAmatic service includes automatic delivery of retrieved
journal articles together with ASCA reports. ASCA software is
available on special leasing arrangement to ASCA tape buyers.
ISI also leases tapes for SDI service & provides software
for this purpose including its ISIS software system. The
same basic software is also used in the ICRS RADICAL
software for users of the _Index Chemicus Registry System_.

ASCA provides a _variety_ of question types including
so called "floating terms" and cite & reference & cite & author
questions not available in other systems.
We can accommodate an unlimited number of profiles.
We also have Group-ASCA, Multi-ASCA & ASCA Topics.

FUTURE PLANS

Since ASCA has now been operating successfully for
about five years our main plans are now to continue increase
in coverage beyond our present goal of 2500 journals by June 1969.
We are now expanding from science & technology into
social sciences, management & education while expanding
heavy coverage in agriculture & medicine.

When we expand into technology more heavily
we expect to resume coverage of patents.

ICRS has a diversified expansion plan including
programs employing atom-by-atom search and chemical
structure display. The use of Wiswesser line-notation (WLN) is
now operational & will be incorporated into all ISI systems.

If cost data on system is available, please check here. ____ ✓

| Name of Respondent
PAUL J WOLFE

Phone | Organization & Address
REGIONAL COMPUTER CTR.
410 PHYSICS RES. CTR.
UNIVERSITY OF IOWA
IOWA CITY, IOWA 52240 | I wish to receive copies of all responses. ☑

(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage   *CA — 200 profiles*
Present no. of subscribers: *ISI — 40 profiles*
☒ Individuals   ☐ Small groups   ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☐ Computer
    Mfgr./Model   *IBM 360/65*
    Program language   *ASSEMBLY COBOL*
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☐ Selected external documents
☒ External tape
    From: *CT*
☐ Other (use comment block below)
    Using SDI service from Ames experimental
Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
☐ Reports _____ %
☐ Journal articles _____ %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _____ %
Major broad subject areas:

CHEMICAL TITLES
ISI SOURCE TAPES

V. INDEXING OF CITATIONS
☐ Thesaurus   ☒ Weights
☐ Free terms   ☐ Roles
☒ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
☒ Done by subscriber
☒ Done by professional indexer
Using:
    ☒ Weights   ☒ Logical connectors
    ☐ Roles   ☒ Truncation
    ☐ Links   ☐ Other

Avg. no. terms per profile: *33*

VII. MATCHING TECHNIQUE
☒ Boolean Logic   ☒ Negation
☐ Single term match   ☐ Must terms
☒ Weights & hit level   ☐ Percent match
☒ Other: *truncation and _____ (ISI)*
Avg. no retrievals/user/run: *25-30*
Run frequency: *bi-weekly (CT) + weekly (ISI)*

VIII. FORM OF ANNOUNCEMENT   *10 mi. (ISI)*
☒ Cards with machine-readable ____ (CT)
☒ Computer printout (paper) *(CT)*
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☒ Questionnaire
☒ Interviews
☒ User evaluation of each citation *(ISI only)*
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? *No*
Cooperative service of library

X. PROFILE UPDATING
☒ By subscriber
☒ By indexer
☒ Automatic, by subscriber feedback to computer *(ISI only)*
☐ Other:

Avg. frequency of updating: *Any 1st mo. 1-3 mo. after that*

Identify the publication that gives the most complete description of current or planned system:
SDI Report (1968)
Computerized Information Retrieval Workshop (1968)
Information Retrieval Progress Paper and
1969-70 Budget Estimate (1969)   Reprint available from respondent? _____

COMMENTS (Continue on page 2)
We have been involved in the use of Chemical Titles (CA) tapes since September 1966. At the present time we are investigating the possibility

COMMENTS (continued)

of extending the 'current awareness' searches
to include Chemical Condensates and Basic
Journal Abstracts.

We are also trying to work out
details of a cooperative effort with
Iowa State University to provide ISI
services to our campus.

FUTURE PLANS

1. Extension of service to regional computer
   center campuses

2. Acquisition of wider range of data bases

3. Cooperative agreements with other state
   universities in SDI searches

If cost data on system is available, please check here. ✓

SDI SYSTEM FACT SHEET

Name of Respondent Jess Watkins Phone 515-294-3590	Organization & Address AMES SDI SYSTEM AMES LABORATORY IOWA STATE UNIV, AMES, IOWA 50010	I wish to receive copies of all responses. ☐ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: ~250
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model 360/65
  Program language COBOL
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  From: ISI
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles 100 % ISI
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: ALL

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☒ Words in title ☐ Links
- ☐ Automatic text analysis
- ☐ Other: AUTHORS JOURNAL ABBR.

Avg. no. terms per document: 11
Indexed in-house? NO

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer
Using:
- ☒ Weights   ☒ Logical connectors Clustering
- ☐ Roles   ☒ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☒ Negation
- ☒ Single term match ☐ Must terms
- ☒ Weights & hit level ☐ Percent match
- ☒ Other: ANY OF THESE CAN BE SIMULATED

Avg. no. retrievals/user/run: 20
Run frequency: WEEKLY

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

SEE 1968 ASIS PROCEEDINGS

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☒ Other: PORTA PUNCH RESPONSE

Do you provide copies of documents on request? NO

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☒ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:
UNFINISHED IN-HOUSE REPORT.

Reprint available from respondent? X

COMMENTS (Continue on page 2)
PROGRAMS (COBOL F) AND JCL are available on Tape. WRITE FOR MORE ON GETTING COPY.

FUTURE PLANS: Retrospective retrieval

Special Interest Group on SDI, American Society for Information Science

COMMENTS (continued)

II. IBM,7094 currently used until conversion can be made.

VII. Polish prefix notation puts binary operators ahead of the two operands instead of between them, so that for example, A*(B+C) becomes *A+BC. The need for grouping parentheses is thereby avoided. See J. Lukasiewicz and I. Tarski-- Untersuchungen uber den Aussagenkalkul. Comptes rendues des Seances de la Societe des Sciences et des Lettres de Varsovie. 1930, vol.23, classe 3, fascicule 1-3, pp. 51-77.

The average number of retrievals/user/run is low because many APL-SDI users have very specific requests. Searching a small file (±350 citations every 2 weeks) will frequently yield few or no documents.

FUTURE PLANS

If cost data on system is available, please check here. _____

Name of Respondent	Organization & Address	I wish to receive copies of all responses. [X]
Elaine D. Kaskela	The Johns Hopkins Univ. Applied Physics Laboratory 8621 Georgia Avenue Silver Spring, Md. 20910	(You may check even if you don't complete form.)
Phone 301, 792-7800, X2234		

I. STATUS OF SYSTEM
- [X] Operational
- [ ] Pilot operation
- [ ] Planning stage

Present no. of subscribers: **100+**

[X] Individuals [ ] Small groups [ ] Organizations

Projected subscribership in 6 months: **150+**

II. PROCESSING MODE
- [X] Computer
  - Mfgr./Model **IBM 360/91**
  - Program language **PL/I**
- [ ] Punched card equipment only
- [ ] Primarily manual

III. CITATION INPUT
- [X] In-house documents
- [X] Selected external documents
- [ ] External tape
  - From: _____
- [ ] Other (use comment block below)

Total number of citations per month: **±350**

IV. TYPES OF DOCUMENTS
- [X] Reports **95** %
- [ ] Journal articles _____ %
- [ ] Trade magazines _____ %
- [ ] Patents _____ %
- [X] Other **5** % **symposiums**

Major broad subject area:

V. INDEXING OF CITATIONS
- [ ] Thesaurus   [ ] Weights
- [X] Free terms   [ ] Roles
- [ ] Words in title   [ ] Links
- [ ] Automatic text analysis
- [ ] Other:

Avg. no. terms per document: **15**
Indexed in-house? **Yes**

VI. INDEXING OF PROFILES
- [ ] Done by subscriber
- [X] Done by professional indexer
Using:
- [ ] Weights   [X] Logical connectors
- [ ] Roles   [ ] Truncation
- [ ] Links   [ ] Other:

Avg. no. terms per profile **5**

VII. MATCHING TECHNIQUE
- [ ] Boolean Logic   [X] Negation
- [ ] Single term match   [ ] Must terms
- [ ] Weights & hit level   [ ] Percent match
- [X] Other: **Polish prefix notation**

Avg. no retrievals/user/run: **1**
Run frequency: **Semimonthly**

VIII. FORM OF ANNOUNCEMENT
- [ ] Cards with machine-readable stubs
- [X] Computer printout (paper)
- [ ] Reproduced abstracts
- [ ] Reproduced documents
- [ ] Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- [ ] Questionnaire
- [ ] Interviews
- [X] User evaluation of each citation
- [ ] Orders for documents
- [ ] Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- [X] By subscriber
- [X] By indexer
- [ ] Automatic, by subscriber feedback to computer
- [ ] Other:

Avg. frequency of updating: **Quarterly**

Identify the publication that gives the most complete description of current or planned system:

--

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

I. The number of subscribers is equated with the number of search requests. Each requestor may have from 1-10 search questions; these requests are treated as separate & distinct queries. Some SDI searches are circulated to a group of users. Thus the most useful statistic is the total of requests rather than subscribers.

Name of Respondent Elaine D. Kaskela	Organisation & Address The Johns Hopkins Univ. Applied Physics Laboratory 8621 Georgia Avenue Silver Spring, Md. 20910	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 301, 792-7800, X2234		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __100+__
- ☒ Individuals ☐ Small groups ☐ Organisations

Projected subscribership in 6 months: __150+__

II. PROCESSING MODE
- ☒ Computer
    - Mfgr./Model __IBM 360/91__
    - Program language __PL/I__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
    - From: __NASA__
- ☐ Other (use comment block below)

Total number of citations per month: __≠6500__

IV. TYPES OF DOCUMENTS
- ☒ Reports _____ %
- ☒ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☒ Other _____ % symposiums, monographs

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:

- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __12-15__
Indexed in-house? __NO__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: __5__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☐ Other:

- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __23__
Run frequency: __Monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating __Quarterly__

Identify the publication that gives the most complete description of current or planned system:

--

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

II. IBM 7094 currently used until conversion can be made.

Name of Respondent	Organisation & Address	I wish to receive copies of all responses. ☒
ROGER GUDOBBA	LAFAYETTE CLINIC 951 E. LAFAYETTE DETROIT, MICHIGAN 48207	(You may check even if you don't complete form.)
Phone 313-963-8116		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage
- Present no. of subscribers: _SO_
- ☒ Individuals ☐ Small groups ☐ Organisations
- Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _IBM 1800_
  - Program language _FORTRAN_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External type _LISTING_
  - From: _NATIONAL LIBRARY OF MEDICINE_
- ☐ Other (use comment block below)

Total number of citations per month: _100_

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _100_ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: _SCHIZOPHRENIA_

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☒ Words in title ☐ Links
- ☐ Automatic text analysis
- ☒ Other: _KEY TERMS_

Avg. no. terms per document: _10-15_
Indexed in-house? _NO_

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer
- Using:
  - ☒ Weights   ☐ Logical connectors
  - ☐ Roles   ☐ Truncation
  - ☐ Links   ☐ Other:

Avg. no. terms per profile: _25_

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☒ Negation
- ☒ Single term match ☒ Must terms
- ☒ Weights & hit level ☐ Percent match
- ☒ Other: _ROOT TERMS_

Avg. no retrievals/user/run: _10-20_
Run frequency: _MONTHLY_

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _YES_

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _MONTHLY_

Identify the publication that gives the most complete description of current or planned system:

"SCHIZOPHRENIA READING MADE EASY" JOURNAL OF DATA MANAGEMENT OCT 66

"LAFAYETTE CLINIC SDI SYSTEM" IBM COMMON MEETING PHILADELPHIA SEPT 68

Reprint available from respondent? _YES_

Copies or reprints of all articles entered into the system are obtained either from the author or the WSU Medical Library. The system was implemented in 1965. However, the MEDLARS information went back to mid-1963 and we currently have 6,000 articles on file. This is one of the most complete accumulation of literature on schizophrenia in the world. FUTURE PLANS: Program originally written for an IBM 1620. Currently being converted to IBM 1800.

Name of Respondent SMITH, G. L., MISS Phone AREA CODE: 415 843-2740 EXT. 16306	Organisation & Address INFORMATION RESEARCH GROUP BLDG. 50B RM. 4206 LAWRENCE RADIATION LABORATORY BERKELEY, CALIF. 94720	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage
- Present no. of subscribers: 60
- ☒ Individuals ☐ Small groups ☐ Organisations
- Projected subscribership in 6 months: 70 +

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model CONTROL DATA 6600
  - Program language FORTRAN IV
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: AEC, OAK RIDGE, TENN.
- ☐ Other (use comment block below)

Total number of citations per month: 4000 +

IV. TYPES OF DOCUMENTS
- ☐ Reports 26 %
- ☐ Journal articles 63 %
- ☐ Trade magazines — %
- ☐ Patents 3 %
- ☐ Other 8 %

Major broad subject area: NUCLEAR SCIENCE

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☒ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: 14
Indexed in-house? NO

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer
- Using:
  - ☐ Weights   ☒ Logical connectors
  - ☐ Roles   ☐ Truncation
  - ☐ Links   ☐ Other:

Avg. no. terms per profile: 50

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☒ Negation
- ☐ Single term match   ☐ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: 25
Run frequency: TWICE PER MONTH

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? YES

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: IRREGULAR

Identify the publication that gives the most complete description of current or planned system:
CURRENT RESEARCH & DEVELOPMENT IN SCIENTIFIC DOCUMENTATION NO. 14
National Science Foundation: Office of Science Information Service, 1966.
pp. 380-381

Reprint available from respondent? NO

COMMENTS (Continue on page 2)

COMMENTS (continued)

The EURATOM - THESAURUS is the basic term authority for indexing, however, new terms are continuously added by the Nuclear Science Abstracts staff at Oak Ridge, Tenn. LRL programs update the "selector" (term) authority tape, and provide a current frequency count listing in both alphabetic order, and in descending order of frequency.

The LRL SDI programs can search for descriptive cataloging information such as language, corporate code, country of affiliation, and CODEN, as well as the selectors on the authority file. Current tapes are being cumulated for retrospective searching.

Users who return all their evaluation sheets are rewarded with a Keyword-Plus-Title (KWPT) index of items they found of interest. These can be provided annually, or at any interval requested by the user.

FUTURE PLANS

1. Development of algorithms for automatic updating of profiles following receipt of user feedback sheet.

2. Study of file organizations for retrospective searches and for use in on-line queries by console.

If cost data on system is available, please check here. __X__

70

Name of Respondent Louise C. Lage	Organization & Address Scientific Library ELI LILLY AND COMPANY P. O. Box 618	I wish to receive copies of all responses. ☒
Phone 317-636-2211 Ext.3535	Indianapolis, Indiana 46206	(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __107__
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: __120__

II. PROCESSING MODE
- ☒ Computer   IBM 360/30
  - Mfgr./Model _____
  - Program language __Assembler__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape   ISI
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __20,000__

IV. TYPES OF DOCUMENTS
- ☐ Reports ____%
- ☒ Journal articles __100__%
- ☐ Trade magazines ____%
- ☐ Patents ____%
- ☐ Other ____%

Major broad subject area: __Chemistry, Biol. Sci., Med.__

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights   ☒ Logical connectors
- ☐ Roles   ☒ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: __10__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: __80__
Run frequency: __weekly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☒ Other:

Computer printout (card)

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other: yes, if not available on Lilly premises or requester is not nearby library.

Do you provide copies of documents on request?

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer (Subscriber initiated)
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other: 6mo., (weekly possible)

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Brannon, P.B. et al. - Automated Literature Alerting System.
Amer. Doc. __20__:16-20(1969)   Reprint available from respondent? __yes__

COMMENTS (Continue on page 2)

| Name of Respondent
MARGUERITE K. MORAN

Phone
201-499-2437 | Organisation & Address
M+T CHEMICALS INC.
BOX 1104
RAHWAY, N.J.   07065 | I wish to receive copies of all responses. ☒
(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage   *150-200*
- Present no. of subscribers: *150-200*
- ☒ Individuals   ☐ Small groups   ☐ Organizations
- Projected subscribership in 6 months:

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☒ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☒ Reports _____ %
- ☒ Journal articles _____ %
- ☒ Trade magazines _____ %
- ☒ Patents _____ %
- ☐ Other _____ %

Major broad subject area: *ORGANO METALLIC CHEMISTRY AND INORG CPDS. OF CERTAIN METALS*

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer
- Using:
  - ☐ Weights   ☐ Logical connectors
  - ☐ Roles   ☐ Truncation
  - ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____
Run frequency _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☒ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? *Yes*

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: *As necessary*

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent Nina W. Matheson, ML Phone 314 645 6230	Organisation & Address **Missouri Institute of Psychiatry** 5400 Arsenal St, St.Louis, Mo. 63130	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers **345**
☒ Individuals   ☐ Small groups   ☐ Organisations
Projected subscribership in 6 months: **same**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **IBM 1720**
  - Program language **Fortran**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles **50** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☒ Other **50** %
  Abstracts, book reviews

Major broad subject area: **Psychiatry**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? **yes**

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: **11**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☒ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: **once week**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☒ Reproduced documents (**face**PLEASE ATTACH SAMPLE
- ☐ Other: **sheets)**

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **yes**

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

**Individual items are not directed to each individual
subscriber. Instead, items are gathered into booklets by
topic, and an index sheet for each booklet is prepared
which serves as feedback mechanism.**

| Name of Respondent

A. P. BRADLEY

Phone AREA 713
483-2195 | Organisation & Address
NASA MANNED SPACECRAFT CENTER
ATTN: TECH LIBRARY, CODE BM6
HOUSTON, TEXAS 77058 | I wish to receive copies of all responses. ☑

(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: 1150
☑ Individuals ☑ Small groups ☐ Organisations
Projected subscribership in 6 months: 1150

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model UNIVAC 1108
  - Program language COBOL
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☑ In-house documents
- ☑ Selected external documents
- ☑ External tape
  - From: NASA HEADQUARTERS
- ☐ Other (use comment block below)

Total number of citations per month: 30,000
AVERAGE

IV. TYPES OF DOCUMENTS
- ☑ Reports 60 %
- ☑ Journal articles 25 %
- ☐ Trade magazines ___ %
- ☐ Patents ___ %
- ☑ Other 15 %

Major broad subject area:
AEROSPACE

V. INDEXING OF CITATIONS
- ☑ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: 17
Indexed in-house? YES

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights
- ☑ Logical connectors
- ☐ Roles
- ☐ Truncation
- ☐ Links
- ☐ Other:

Avg. no. terms per profile: 30

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☑ Other: SET SWITCHING
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: 160
Run frequency: MONTHLY

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☑ Questionnaire
- ☑ Interviews
- ☑ User evaluations of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? YES

X. PROFILE UPDATING
- ☑ By subscriber
- ☑ By indexer
- ☑ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: MONTHLY

Identify the publication that gives the most complete description of current or planned system:
MSC-BM-MR-66-1
AN ACTIVE MODE OF OPERATION - MANAGEMENT OF AEROSPACE KNOWLEDGE TAILORED FOR THE USER, BY C.M. GRANT, JR. & J.M. STOUT, NASA MANNED SPACECRAFT CENTER, SEPT. 66. Reprint available from respondent? YES

COMMENTS (Continue on page 2)
PROGRAM INCLUDES UNIQUE COORDINATION OF RETROSPECTIVE SEARCHES AND SDI PROGRAM FOR INDIVIDUAL AS DESCRIBED IN NASA-TMX-58024, PAGES 109-123.
Cost data on system is available.

SDI SYSTEM FACT SHEET

Name of Respondent P. WOLTERS	Organisation & Address NATIONAL SCIENCE LIBR. NATIONAL RESEARCH COUNCIL 100 SUSSEX DR. OTTAWA / ONT.	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone 613-992-1224		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __200__
- ☑ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: __400__

II. PROCESSING MODE
- ☑ Computer
  - Mgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☑ External tape
  - From: CHEM ABSTR., ISI
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports __5__ %
- ☐ Journal articles __80__ %
- ☐ Trade magazines _____ %
- ☐ Patents __10__ %
- ☐ Other __5__ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☑ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? __NO__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using
- ☑ Weights   ☑ Logical connectors
- ☐ Roles   ☑ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: __50__

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic   ☑ Negation
- ☐ Single term match   ☐ Must terms
- ☑ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: __20__
Run frequency: __52 yearly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable .ubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☑ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☑ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __once every 2 month__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☒
Cathryn C Lyon Phone: Govt. - 1232X603 703-663-2511 X603	U.S. NAVAL WEAPONS LAB. Technical LIBRARY BR. DAHLGREN, VA. 22448	(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☐ Planning stage
- Present no. of subscribers: _136_
- ☐ Individuals ☒ Small groups ☐ Organizations
- Projected subscribership in 6 months: _200_

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual Recd GABs & SCANS
- MANUAL DIST.

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: DDC GABS NASA SCANS
- ☐ Other (use comment block below)
- Total number of citations per month: _715_

IV. TYPES OF DOCUMENTS
- ☐ Reports _65_ %
- ☐ Journal articles _35_ %
- ☐ Trade magazines ___ %
- ☐ Patents ___ %
- ☐ Other ___ %
- Major broad subject area: ALL DISCIPLINES re Weapon SYSTEMS

V. INDEXING OF CITATIONS
- ☐ Thesaurus ☐ Weights
- ☐ Free terms ☐ Roles
- ☐ Words in title ☐ Links
- ☐ Automatic text analysis
- ☐ Other: ___
- Avg. no. terms per document: _____
- Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☒ Done by subscriber & Library
- ☐ Done by professional indexer
- Using:
  - ☐ Weights ☐ Logical connectors
  - ☐ Roles ☐ Truncation
  - ☐ Links ☐ Other:
- Avg. no. terms per profile: User selects from DDC GROUPS + NASA TOPICS

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:
- Avg. no retrievals/user/run: _____
- Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:
- Do you provide copies of documents on request? YES

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:
- Avg. frequency of updating: Irreg.

Identify the publication that gives the most complete description of current or planned system:

None.

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Since DDC & NASA produce the large part of formal reporting in-house or by contractor of interest to a Weapons Laboratory I feel it is ridiculous for us to go to the expense of an SDI Program based upon our 9B417030 Computer Storage & Retrieval Program.

COMMENTS (continued)

It takes 4 hrs. a month to add dist. codes to the CABS & SCANS. It would take just as long to answer requests if we had our own Computerized SDI. We receive automatic microfiche dist. from DDC and complete microfiche dist. from NASA. By placing portable readers with every 4-5 people the user receives a micro-fiched copy at least a month ahead of any other way of obtaining reports. In addition the open literature (IAA) of NASA furnishes Xerox copies of Proceedings at least a year ahead of formal publication.

FUTURE PLANS

Hope to economically include Clearinghouse Unc. reports in system.

If cost data on system is available, please check here. _____

77

Name of Respondent JOHN L MILLER	Organization & Address NEW ENGLAND RESEARCH APL. U+IN SEA U-CONN STORRS, CONNECTICUT 06268	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone (203) 429-6616		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model __IBM 1130__
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☑ External tape
  - From: ___NASA___
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports ✔ % ✔
- ☐ Journal articles ✔ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☑ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: ___—___
Indexed in-house? __NO__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights ☑ Logical connectors
- ☐ Roles ☐ Truncation
- ☐ Links ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☑ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: ___—___
Run frequency: __1/month__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☑ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☐ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

| Name of Respondent

Gordon M. Pond (C15)
Research & Engineering
Phone

(213) 647-5661 | Organisation & Address
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California 90245 | I wish to receive copies of all responses. ☒

(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _____

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model **IBM 360, Mod. 50**
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☒ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: **8,000**

IV. TYPES OF DOCUMENTS
- ☒ Reports **75** %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☒ Other **25** %

Major broad subject area: **Technical Aerospace and Electronics**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: **12**
Indexed in-house? **Yes**

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: **15**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: **8**
Run frequency: **Weekly**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☒ Other:

See sample

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to compute·
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Not available

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Name of Respondent **Eugene Burch** **Senior Engineer** Phone **505·277-3111**	Organization & Address **Technology Application Center** **University of New Mexico -Box 181** **Albuquerque, New Mexico 87106**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: __50__
☐ Individuals ☐ Small groups ☒ Organizations
Projected subscribership in 6 months: __65__

II. PROCESSING MODE
☒ Computer
  Mfgr./Model __IBM System 360__
  Program language __Fortran__
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☐ Selected external documents
☒ External tape
  From: __NASA STID__
☐ Other (use comment block below)

Total number of citations per month: __10,000__

IV. TYPES OF DOCUMENTS
☒ Reports __50__ %
☒ Journal articles __50__ %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _____ %

Major broad subject area __Science/Engineering__

V. INDEXING OF CITATIONS
☒ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: __8__
Indexed in-house ? __No__

VI. INDEXING OF PROFILES
☐ Done by subscriber
☒ Done by professional indexer
Using:
  ☒ Weights   ☒ Logical connectors
  ☐ Roles   ☐ Truncation
  ☐ Links   ☒ Other:

Avg. no. terms per profile: __36__

VII. MATCHING TECHNIQUE
☒ Boolean Logic   ☒ Negation
☒ Single term match ☐ Must terms
☒ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: __25__
Run frequency: __bi-monthly__

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☒ Computer printout (paper)
☒ Reproduced abstracts
☐ Reproduced documents
☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
☒ Questionnaire
☐ Interviews
☐ User evaluation of each citation
☒ Orders for documents
☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
☐ By subscriber
☒ By indexer
☐ Automatic, by subscriber feedback
    to computer
☐ Other:

Avg. frequency of updating: __Quarterly__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)
Future plans include procuring and incorporating other indexed and taped science and technology systems into our program. Additionally, to transfer stored information onto disc pacs for faster random access searching.

Cost data is available.

Name of Respondent P. J. Chenery, Director	Organisation & Address N. C. Science & Technology Research Center P. O. Box 12235 Research Triangle Park, N.C. 27709	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 919 549-8291		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __50__
☒ Individuals ☐ Small groups ☒ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model __IBM 360 Model 75__
  Program language __Fortran/Assembler__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  From: __NASA, DDC, ITT__
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☒ Reports __50__ %
- ☒ Journal articles __50__ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __8-10__
Indexed in-house? __no__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: __15__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __25__
Run frequency: __monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other.

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback
      to computer
- ☐ Other:

Avg. frequency of updating: __annual__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from res ncer?____

COMMENTS (Continue on page 2) Tapes provided by NASA, DDC, and Institute of Textile Technology are converted to separate inverted files containing index terms and accession number only. Files are stored on direct access disk and are used both for current awareness and retrospective searching.

Abstracts are reproduced from card files. Future plans to add computer files of titles and authors depend on additional direct access storage.

Special Interest Group on SDI, American Society for Information Science **Cost data is available.**

Name of Respondent J. R. Buchanan	Organization & Address Nuclear Safety Information Center Oak Ridge National Laboratory P. O. Box Y Oak Ridge, Tennessee	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone 615-483-8611 Ext. 3-7258		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage
- Present no. of subscribers: _1500_
- ☑ Individuals ☑ Small groups ☐ Organizations
- Projected subscribership in 6 months: _1700_

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model _IBM-7090_ *
  - Program language _COBOL_
- ☐ Punched card equipment only
- ☐ Primarily manual

*_BEING CONVERTED TO IBM-360/65_

III. CITATION INPUT
- ☐ In-house documents
- ☑ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _800_

IV. TYPES OF DOCUMENTS
- ☐ Reports _57_ %
- ☐ Journal articles _34_ %
- ☐ Trade magazines ____ %
- ☐ Patents _5_ %
- ☐ Other _4_ % _Books_

Major broad subject area:

V. INDEXING OF CITATIONS
- ☑ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _10_
Indexed in-house? _YES_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer
- Using:
  - ☑ Weights ☐ Logical connectors
  - ☐ Roles ☐ Truncation
  - ☐ Links _or_ ☑ Other: _CATEGORIES_

Avg. no. terms per profile: _5_

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☑ Weights & hit level
- ☐ Other:
- ☑ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _BIWEEKLY_

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☑ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _No_

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

J. R. Buchanan and W. B. Cottrell, "A Summary of NSIC Activities, 1963-1967," ORNL-NSIC-46, September 1968

Reprint available from respondent? _Yes_

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent	Organisation & Address	I wish to receive copies of all responses. ☒
Mrs. Elizabeth P. Hartner	Knowledge Availability Systems Center University of Pittsburgh LIS Building 135 N. Bellefield Avenue Pittsburgh, Pennsylvania 15213	(You may check even if you don't complete form.)
Phone 621-3500 Ext. 498		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __65__
- ☐ Individuals ☐ Small groups ☒ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model __IBM/7090__
  Program language __MAD, ALGOL, FORTRAN__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  From __NASA__
- ☐ Other (use comment block below)

Total number of citations per month: __5,500__

IV. TYPES OF DOCUMENTS
- ☒ Reports __50__ %
- ☒ Journal articles __30__ %
- ☒ Trade magazines __20__ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: **Engineering and Science**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __9__
Indexed in-house? __No__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights   ☒ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: __12__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __30__
Run frequency: __monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with or without machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __every three__ months

Identify the publication that gives the most complete description of current or planned system:

4th Annual Report The Space and Technology Transfer Program. E. Howie
NASA CR 95708

Reprint available from respondent? __No__

COMMENTS (Continue on page 2)

FUTURE PLANS: Plans are now being formulated to include searching of Chemical Abstracts Citations on a current awareness basis.

Special Interest Group on SDI, American Society for Information Science

83

SDI SYSTEM FACT SHEET

Name of Respondent	Organisation & Address	I wish to receive copies of all responses. ☒
W. B. McBirney	Bureau of Reclamation Office of Engineering Reference Building 67, Denver Federal Center Denver, Colorado 80225	(You may check even if you don't complete form.)
Phone (303) 233-3611 Ext 6592		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __2000__
- ☒ Individuals   ☐ Small groups   ☐ Organisations

Projected subscribership in 6 months: __2000__

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model __Honeywell 800/200__
  Program language __COBOL__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☐ External tape
  From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __60-70__

IV. TYPES OF DOCUMENTS
- ☐ Reports __22__ %
- ☐ Journal articles __44__ %
- ☐ Trade magazines __-__ %
- ☐ Patents __ %
- ☐ Other __34__ %

Major broad subject area: __Water Resources__

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☒ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: __18__
Indexed in-house? __Yes__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: __20__

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☒ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: __8__
Run frequency: __monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☒ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Intermittent__

Identify the publication that gives the most complete description of current or planned system:

"Scientific Information Services in a Water Resources Agency" by B. P. Bellport, paper presented at the 153rd National Meeting of the American Chemical Society, Miami Beach, Florida, April 9-14, 1967. Reprint available from respondent. Copy attached.

COMMENTS (Continue on page 2)

Reclamation's SDI system is unique in that it serves a large user population distributed over a wide geographical area, with a highly selected document input. Users' interests are broad and the documents selected for SDI treatment are carefully chosen for current interest. Distribution of hard copy of the documents over a wide geographical area is another unique

COMMENTS (continued)

feature of the system.

FUTURE PLANS

Reclamation's SDI system is currently being adapted as a basis for a Selected Dissemination of Information service inaugurated by the Water Resources Scientific Information Center of the Department of the Interior in 1968. This service is available to selected Federal Government employees and personnel associated with state Water Resources Institutes. The service is managed by a WRSIC Operating Facility, Bureau of Reclamation, Denver. Initial SDI service was started in January and is being expanded rapidly.

If cost data on system is available, please check here. _____

Name of Respondent **Earle A. Paxton** Phone **447-5100 ext. 2202**	Organisation & Address **Library - 8232 Sandia Laboratories P. O. Box 969 Livermore, California 94550**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **49**
- ☒ Individuals ☐ Small groups ☒ Organisations

Projected subscribership in 6 months: **60**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **CDC 3600**
  - Program language **COBOL**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☒ External tape **(within next 3 months)**
  - From: **PANDEX**
- ☒ Other (list comment block below)
  JAWTIG Weapon Data Index Cards

Total number of citations per month: **910***

*Does not include external tape

IV. TYPES OF DOCUMENTS
- ☒ Reports **67 %**
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☒ Other **33 %**

Major broad subject area:
Engineering R&D

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- L. Links

Avg. no. terms per document: **12**
Indexed in-house? **Yes***

*Not including external tape & Jawtig cards

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: **72**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☐ Next ...on
- ☐ A..st terms
- ☐ Percent match

Avg. no retrievals/user/run: **5**
Run frequency: **Reports & External tape: weekly;
Books: Bi-monthly**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **Quarterly**

Identify the publication that gives the most complete description of current or planned system:

In publication

Reprint available from respondent? **X**

COMMENTS (Continue on page 2)

Cost data is available, including development, testing, and machine processing, but not profile maintenance.

SDI SYSTEM FACT SHEET

Name of Respondent Dr. P.S. DAVISON	Organization & Address Scientific Documentation Centre DUNFERMLINE,	I wish to receive copies of all responses. (free to quote) ☑
Phone Dunfermline 23535	Fife, U.K.	(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☑ Individuals ☑ Small groups ☑ Organizations

Projected subscribership in 6 months: ~~Same~~

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only *Available but not used for SDI*
- ☑ Primarily manual

III. CITATION INPUT
- ☑ In-house documents
- ☑ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below) *over*

Total number of citations per month: 30,000

IV. TYPES OF DOCUMENTS
- ☑ Reports 10 %
- ☑ Journal articles 70 %
- ☑ Trade magazines 5 %
- ☐ Patents — %
- ☑ Other 15 %

Major broad subject area: Science, technology, medicine

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☑ Words in title
- ☐ Automatic text analysis
- ☑ Other: Somewhere between these. Free terms based on printed Thesaurus.

☐ Weights ☐ Roles ☐ Links

Avg. no. terms per document: About 4
Indexed in-house? Yes.

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights ☐ Logical connectors
- ☐ Roles ☐ Truncation
- ☐ Links ☑ Other

Avg. no. terms per profile: 6
Specially offered subjects. Av. 20 terms?

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☑ Other:

Avg. no retrievals/user/run: 15 ?
Run frequency: weekly.

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☑ Other

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☑ Questionnaire
- ☐ Interviews
- ☑ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating. 3 months

Identify the publication that gives the most complete description of current or planned system:
To be written up. ...out 1 year hence.

Reprint available from respondent? _____

COMMENTS (Continue on page 2)
Leaflets attached.

87

Name of Respondent	Organisation & Address	I wish to receive copies of all responses. ☑
CHARLES R SAGE	SHARE RESEARCH CORP 3704 STATE STREET SANTA BARBARA, CALIF 93105	(You may check even if you don't complete form.)
Phone 805-962-1964		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _300_
☒ Individuals ☒ Small groups ☒ Organizations
Projected subscribership in 6 months: _600_

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model _IBM 360/67_
  Program language _COBOL_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☒ External tape
  From: _ISI_
- ☐ Other (use comment block below)

Total number of citations per month: _30,000_

IV. TYPES OF DOCUMENTS
- ☒ Reports _20_ %
- ☐ Journal articles _60_ %
- ☐ Trade magazines _10_ %
- ☐ Patents _10_ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☒ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _150 / ABSTRACT 45 / CITATION_
Indexed in-house? _NO_

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer
Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: _110_

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☒ Must terms
- ☒ Percent match

Avg. no retrievals/user/run: _20_
Run frequency: _5 RUNS/MO._

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☒ Other: _AUTOMATIC FEEDBACK_

Do you provide copies of documents on request? _YES_

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☒ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _WEEKLY_

Identify the publication that gives the most complete description of current or planned system:
C R SAGE, R R ANDERSON & DR EITEWATER "ADAPTIVE INFORMATION DISSEMINTION", AMERICAN DOCUMENTATION, Vol.16, No.3, JULY 1965

Reprint available from respondent? _No_

COMMENTS (Continue on page 2)

Name of Respondent Carol F. Gerity	Organization & Address Squibb Institute for Medical Research 5 Georges Road New Brunswick, N.J. 08903	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 201-545-1300 X2773		

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: __10__
☒ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☐ Computer
Mfgr./Model _____
Program language _____
☐ Punched card equipment only
☒ Primarily manual

III. CITATION INPUT
☐ In-house documents
☒ Selected external documents
☐ External tape
From: _____
☐ Other (use comment block below)

Total number of citations per month: __ca 300__

IV. TYPES OF DOCUMENTS
☐ Reports _____%
☒ Journal articles _____%
☐ Trade magazines _____%
☒ Patents _____%
☐ Other _____%

Major broad subject area: **Pharmaceuticals**

V. INDEXING OF CITATIONS
☒ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: __6__
Indexed in-house? __yes__

VI. INDEXING OF PROFILES
☐ Done by subscriber
☒ Done by professional indexer
Using:
☐ Weights   ☒ Logical connectors
☐ Roles   ☐ Truncation
☐ Links   ☐ Other:

Avg. no. terms per profile: __5__

VII. MATCHING TECHNIQUE
☐ Boolean Logic   ☐ Negation
☒ Single term match   ☐ Must terms
☐ Weights & hit level   ☐ Percent match
☐ Other:

Avg. no. retrievals, user/run: __10__
Run frequency __semi-monthly__

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☐ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☒ Other:
3x5 card

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☒ Interviews
☒ User evaluation of each citation
☒ Orders for documents
☐ Other:

Do you provide copies of documents on request? __yes__

X. PROFILE UPDATING
☐ By subscriber
☒ By indexer
☐ Automatic, by subscriber feedback to computer
☐ Other:

Avg. frequency of updating: __6 mos.__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

We also subscribe to ASCA service of ISI. We have 17 profiles which are routed to 27 people. This is a computer search and is much more specific than our present manual procedures. The profiles cover areas which we are unable to cover manually at the present time. FUTURE PLANS: We plan to have a computer-based SDI system in the near future. It is estimated that this will be partially operational this summer, but not completely operational for another year.

SDI SYSTEM FACT SHEET

Name of Respondent MR. D.W. LARBEY Phone Bedford 55251	Organisation & Address Unilever Research Laboratory Colworth Welwyn Colworth House, Sharnbrook Bedford, England	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **200**
- ☐ Individuals ☐ Small groups ☐ Organisations

Projected subscribership in 6 months: **300**

II. PROCESSING MODE
- ☑ Computer
  - Mft./Model **IBM 360/50**
  - Program language **PL/1**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☑ External tape
  - From: **ISI (Source tape)**
- ☐ Other (use comment block below)

Total number of citations per month: **30,000** ?

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles **100** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: Top wide to be defined in this year!

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☑ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☑ Weights
- ☐ Roles
- ☐ Links
- ☑ Logical connectors
- ☑ Truncation
- ☐ Other:

Avg. no. terms per profile: **60**

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic
- ☐ Single term match
- ☑ Weights & hit level
- ☐ Other:
- ☑ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: **20**
Run frequency: **Weekly**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☑ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: Weekly overall but average per profile about 2 months

Identify the publication that gives the most complete description of current or planned system:

Ask ISI

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

We are using the ISI Source Tapes, which are of course not indexed at all.

COMMENTS (continued)

This laboratory initiated and coordinates the SDI Service described, but profiles are scanned for several other labs in the Unilever fold both in the U.K. and on the Continent. Our lab. at Port Sunlight has been operating an SDI system along completely different lines for many years, so you might like to send a questionnaire to:

The Information Officer,
Unilever Research Laboratory
Port Sunlight,
Cheshire,
England.

FUTURE PLANS

We expect to increase our present set of profiles (about 17000 search terms) by around 50%, and we intend during 1969 to look at other more specialised data bases than ISI, for instance Food Science and Technology Abstracts (available late '69), and CAS Chemical Condensates.

If cost data on system is available, please check here. _____

Name of Respondent **Robert E. Martin** Phone **871-2080 or 2082**	Organization & Address **Vitro Laboratories 14000 Georgia Avenue Silver Spring, Md. 20910**	I wish to receive copies of all responses. ☐ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
☒ Operational
☐ Pilot operation
☐ Planning stage
Present no. of subscribers: _1000-1500_
☒ Individuals   ☐ Small groups   ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☒ Computer
   Mfgr./Model _IBM 360/40_
   Program language _____
   ☐ Punched card equipment only
   ☐ Primarily manual

III. CITATION INPUT
☒ In-house documents
☒ Selected external documents
☐ External tape
   From: _____
☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
☐ Reports ____ %
☐ Journal articles ____ %
☐ Trade magazines ____ %
☐ Patents ____ %
☒ Other _100_
   see comments

Major broad subject area: _WEAPON SYST. DATA._

V. INDEXING OF CITATIONS
☐ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
☐ Done by subscriber
☒ Done by professional indexer
Using:
   ☐ Weights   ☒ Logical connectors
   ☒ Roles   ☐ Truncation
   ☐ Links   ☐ Other:

Avg. no. terms per profile: _12_

VII. MATCHING TECHNIQUE
☐ Boolean Logic   ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☒ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☒ Other:
   _____

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☐ Interviews
☒ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? _Yes_

X. PROFILE UPDATING
☒ By subscriber
☒ By indexer
☐ Automatic, by subscriber feedback
   to computer
☐ Other:

Avg. frequency of updating: _quarterly_

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Sorry, the press of business and newness in the position have prevented a more comprehensive answer in line with your publication deadline. I would appreciate more information on the purpose, activities and accomplishments of SDI.

Name of Respondent Estelle Brodman	**Organization & Address** Washington University School of Medicine Library 4580 Scott Avenue St. Louis, Mo. 63110	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone Fo 7 6400 ext. 453		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __23__
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribership in 6 months: *the same as now*

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☒ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents __which amount__
- ☐ External tape __to 1,753 journals__
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __Every article__
__in these 1,753 Journals is scanned manually__

IV. TYPES OF DOCUMENTS
- ☐ Reports _____%
- ☒ Journal articles __100__%
- ☐ Trade magazines _____%
- ☐ Patents _____%
- ☐ Other _____%

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __2__
Indexed in-house? __X__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: __Free text interest statement, not a list of terms.__

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☒ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __256__
Run frequency: __weekly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☒ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __No, unless the person is willing to pay.__

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Varies__

Identify the publication that gives the most complete description of current or planned system:

None

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

In order to avoid any misunderstanding, I tried to answer all the questions although in some cases, the questions did not apply to our system.

COMMENTS (continued)

Our SDI system consists of two services; one a current awareness service, which is completely manual at the moment, and the other the personal file indexing system (PFIS) of the citations retrieved manually, and judged by the recipients to be relevant and useful. PFIS is produced using an IBM-360-50 and our own program. The PFIS offers: sequential; author (first 3 authors only); title; subject; and source indexes.

The participant may use one or both of these services.

FUTURE PLANS

We are contemplating using commercially available tapes such as the ones from Chemical Abstracts, ISI or Pandex. A spot check of journal coverage showed that ISI tapes cover approximately 65% of our journal subscription. A pilot study will be done shortly by using one of the services offered by ISI. However, the use of the tapes creates clerical problems as long as our patrons favor receiving face sheets and/or summaries of articles, the manual system will be retained to supplement any computerized retrieval system which we might use in the future.

If cost data on system is available, please check here. __x__ (at the end of this fiscal year)

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☑
Mrs. Margaret Ernst	Administrative Reference Center 146 General Library Wayne State University Detroit, Mich. 48202	(You may check even if you don't complete form.)
Phone Detroit 577-4056		

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _86_
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _unknown_

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _IBM 1460 - changing_
  - Program language _to IBM 360_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _100_

IV. TYPES OF DOCUMENTS
- ☒ Reports _20_ %
- ☒ Journal articles _20_ %
- ☒ Trade magazines _10_ %
- ☐ Patents _____ %
- ☒ Other _50_ %
  - _Government Doc.- State and Fed._
  - _Mimeographs_

Major broad subject area: _Administration of Higher Education_

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☒ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _varies_
Indexed in-house? _greatly_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: _40_
allowed 60

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☒ Weight & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _varies greatly_
Run frequency: _biweekly_

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _Yes*_

X. PROFILE UPDATING
- ☒ By subscriber - _comment feedback on cards_
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _dependent on cards returned and evaluated - in some cases bimonthly, others semi-annually_

Identify the publication that gives the most complete description of current/or planned system:
EDUCOM article, 1967.

Reprint available from respondent? _Yes_

COMMENTS (Continue on page 2)

The ARC is part of Wayne State University's Office of Institutional Research, Division of Educational Services. Originally our SDI project, which began in 1965, was funded by the government. Since

*Monographs, articles, etc. less than 20 pp - we provide copies, to external and internal users. Over 20 pp. we charge for two weeks to internal users, to external users we give source where document may be secured.

COMMENTS (continued)

1966 we have been funded by the university.
At the present moment we have 48 users
on campus and 38 off campus. The
48 on include the president, vice-president,
division heads, deans, and members of
OSR. Off campus users include administrators
of Michigan State Colleges and Universities
and several out-of-state administrators
and educational consultants. There is no subscription fee.

SDI is just part of our ~~job~~ the
service our library provides. We also are a
reference service, and provide information
search and retrieval, and provide bibliographies
when needed by our 48 campus users.

FUTURE PLANS

Unknown. I would like to see our
SDI service expanded to administrators
of other universities and colleges at a
small subscription fee. I would be
interested in knowing the demand/interest
in the expansion of our system from
administrators and researchers in
institutions of higher education.

If cost data on system is available, please check here. _____

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☐
W T MacPhee	*Western Electric Co* *P.o Box 900* *Princeton, N.J.*	(You may check even if you don't complete form.)
Phone *609-639-2471*		

I. STATUS OF SYSTEM
- ☑ Operational
- ☐ Pilot operation
- ☐ Planning stage
Present no. of subscribers: *2000*
- ☐ Individuals ☑ Small groups ☐ Organisations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☑ Computer
  Mfgr./Mode: *IBM 360-50*
  Program language *COBOL - P/I*
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☑ In-house documents
- ☑ Selected external documents
- ☐ External tape
  From: _____
- ☐ Other (use comment block below)

Total number of citations per month: *300 +*

IV. TYPES OF DOCUMENTS
- ☐ Reports *20 %*
- ☐ Journal articles *50%*
- ☐ Trade magazines *30%*
- ☐ Patents ____ %
- ☐ Other ____ %

Major broad subject area: *MANUFACTURING*

V. INDEXING OF CITATIONS
- ☑ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: *7 - 10*
Indexed in-house? *YES*

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer
Using:
- ☑ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: *40 - 60*

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- ☑ Weights & hit level ☑ Percent match
- ☐ Other:

Avg. no retrievals/user/run: *15*
Run frequency: *1/MO.*

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper) *+ CARDS*
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☑ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? *YES*

X. PROFILE UPDATING
- ☑ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: *1-2 YEAR*

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Name of Respondent Holly Hammann Phone 608/262-3816	Organization & Address UNIVERSITY OF WISCONSIN SCHOOL OF BUSINESS INFORM 1155 OBSERVATORY DR. MADISON, WISCONSIN 53706	I wish to receive vice of all ponses. ☑ you may check in if you don't nplete form.)

I. STATUS OF SYSTEM
- ☒ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **300**
- ☒ Individuals ☐ Small groups ☒ Organizations

Projected subscribership in 6 months: **400**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: **280**

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles **100** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: General BUSINESS and ECONOMICS

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☒ Weights ☐ Logical connectors
- ☐ Roles ☐ Truncation
- ☐ Links ☐ Other:

Avg. no. terms per profile: **60**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: **20**
Run frequency: **Weekly**

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **Quarterly**

Identify the publication that gives the most complete description of current or planned system:

NONE AT PRESENT (except promotional flyer enclosed)

Reprint available from respondent? **Yes**

COMMENTS (Continue on page 2)

II. PILOT SYSTEMS

Name of Respondent Marvin G. Till Phone 513-255-5804	Organisation & Address Air Force Avionics Lab AVO-2 WPAFB, Ohio 45433	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
☐ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months.

II. PROCESSING MODE
- ☒ Computer
  - Mfgr. /Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports 100 %
- ☐ Journal articles ____ %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☐ Other ____ %

Major broad subject area: Avionics

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in house? _____

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☒ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency. _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☒ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Proceedings. of ASIS, Vol 5, 1968

Reprint available from respondent Yes

COMMENTS (Continue on page 2)

| Name of Respondent BRUCE A. GRANAT LIBRARY MANAGER. Phone 312-828-7817 | Organization & Address CONTINENTAL ILLINOIS NATIONAL BANK AND TRUST CO. OF CHICAGO LIBRARY 231 S. LaSALLE ST. CHICAGO, ILLINOIS. 60690. | I wish to receive copies of all responses. ✓ (You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☐ Operational
- ☑ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _20_
- ☑ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _30_.

II. PROCESSING MODE
- ☑ Computer
  Mfgr./Model _I.B.M.-1401_
  Program language _COBOL._
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☑ In-house documents
- ☑ Selected external documents
- ☐ External tape
  From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _125._

IV. TYPES OF DOCUMENTS
- ☑ Reports _5_ %
- ☐ Journal articles _45_ %
- ☐ Trade magazines _50_ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: _BANKING-FINANCE._

V. INDEXING OF CITATIONS
- ☑ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: _4_
Indexed in-house? _YES_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☑ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: _15._

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☑ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no. retrievals/user/run: _6_
Run frequency: _1/WK._

VIII. FORM OF ANNOUNCEMENT
- ☑ Cards with machine-readable stubs
- ☑ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☑ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _NO_

X. PROFILE UPDATING
- ☑ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:
IBM. S.D.I. MANUALS.

Reprint available from respondent? _NO._

COMMENTS (Continue on page 2)

Name of Respondent **Pauline V. Angione**	Organization & Address **University of Chicago, Graduate Library School** **1116 E. 59th St.** **Chicago, Illinois 60637**	I wish to receive copies of all responses. (You may check even if you don't complete form.)
Phone		

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation   x **Experimental**
- ☐ Planning stage   **(see Comments)**

Present no. of subscribers: ___3___
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **IBM 7094; IBM 1401** **
  - Program language _____
- ☐ Punched card equipment only
- ☒ manual **also**

*

III. CITATION INPUT
- ☐ In-house documents
- * ☒ Selected external documents
- ☒ External tape
  - From: **NLM - MEDLARS**
- ☐ Other (use comment block below)

Total number of citations per month: **10-20x10³**
(MEDLARS)

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☒ Journal articles **100** %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☐ Other ____ %

Major broad subject area: **Biomedicine**

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- * ☒ Other: **varies**

Avg. no. terms per document: ___10___
Indexed in-house? ___no___

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by ~~xxxxxxxxxxxxxxx~~ **research assistants**
  - Using: **(searchers)**
  - ☐ Weights   ☒ Logical connectors **(MEDLARS)**
  - ☐ Roles   ☐ Truncation
  - ☐ Links   * ☒ Other: **text**

Avg. no. terms per profile: ___30___

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- * ☐ Weights & hit level   ☐ Percent match
- ☒ Other: **manual search-continuous**

Avg. no retrievals/user/run: **100**
Run frequency: **1/mo.**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents **on request** ~~SE~~
- ☒ Other:

(ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☒ Orders for documents -
- ☐ Other:

Do you provide copies of documents on request? **yes if available.**

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☒ Other: **searchers**

Avg. frequency of updating: **4x/yr.**

Identify the publication that gives the most complete description of current or planned system:

University of Chicago Graduate Library School, Experimental Dissemination of Biomedical Information, Progress Report 2, March, 1968. Unpublished. (Final report in progress)

Reprint available from respondent? **yes**

COMMENTS (Continue on page 2) **SDI function is part of a research project in the experimental dissemination of biomedical information. Both manual and machine searching are carried out.**   *** = manual operations referred to**
** = 7094 for MEDLARS
1401 for research data record keeping system.

COMMENTS (continued)

As you can most lilely see from the answers to your questionnaire, we do not fit neatly into a standard format for an SDI system, due to our emphasis on an experimental rather than a service oriented system. We will however be most interested in seeing the final report of the systems surveyed.

FUTURE PLANS

Quite uncertain at the present time, due to renewal of grant application notice. In general , continued analysis of the effectiveness, impact and theoretical aspects of SDI.

If cost data on system is available, please check here. _____

Name of Respondent H. Stanley Shofer	Organization & Address Defense Documentation Center Directorate of Syst. Development Cameron Station Alexandria, Va. 22314	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 202-694-7115		

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _41_
- ☐ Individuals   ☐ Small groups   ☒ Organizations

Projected subscribership in 6 months: _200_

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _UNIVAC 1108_
  - Program language _Sleuth 1_
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☒ Other (use comment block below)

Total number of citations per month: _3,800_

IV. TYPES OF DOCUMENTS
- ☒ Reports _95_ %
- ☒ Journal articles _5_ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: _Military R&D_

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☒ Weights
- ☒ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☒ Other:

Avg. no. terms per document: _10-15_
Indexed in-house? _Yes_

VI. INDEXING OF PROFILES
- Done by subscriber
- Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☒ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____
Run frequency _Semi-monthly_

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☒ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other.

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _Yes_

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Automatic Services & Products (ASP) Summary Report, June 1968

Reprint available from respondent? _No_

COMMENTS (Continue on page 2)

The above information pertains to the Group Announcement Bulletin (GAB), a separate announcement publication for each of the 188 COSATI Subject Category Groups (DOD-modified).

(over)

Special Interest Group on ...

COMMENTS (continued)

DDC acquires, processes, and stores scientific and technical reports of Defense-sponsored research, development test, and evaluation (RDT&E) efforts.

GAB is being supplied to 41 participants according to their specified COSATI Subject Field and Group profile on a semi-monthly cycle in the quantities required.

The COSATI Subject Category List (DoD-Modified), consisting of 22 Fields/188 Groups, is used by DDC subject analysts to categorize all accessioned documents.

It offers a more effective current awareness mechanism for distribution than the Technical Abstract Bulletin (TAB), without loss of peripheral vision as would be experienced with descriptor-based profiles

FUTURE PLANS

If cost data on system is available, please check here. _____

105

Name of Respondent **Norma Ayala** Phone **202-694-7114**	Organization & Address **Defense Documentation Center Directorate of Syst. Development Cameron Station Alexandria, Va. 22314**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM	II. PROCESSING MODE

☐ Operational
☒ Pilot operation
☐ Planning stage
Present no. of subscribers: **42**
☐ Individuals ☐ Small groups ☒ Organizations
Projected subscribership in 6 months: **200**
	☐ Computer
	  Mfgr./Model _____
	  Program language _____
	☐ Punched card equipment only
	☐ Primarily manual

III. CITATION INPUT	IV. TYPES OF DOCUMENTS
☐ In-house documents ☐ Selected external documents ☐ External tape From: _____ ☐ Other (use comment block below) Total number of citations per month: _____	☐ Reports ____ % ☐ Journal articles ____ % ☐ Trade magazines ____ % ☐ Patents ____ % ☐ Other ____ % Major broad subject area:

V. INDEXING OF CITATIONS		VI. INDEXING OF PROFILES
☐ Thesaurus ☐ Free terms ☐ Words in title ☐ Automatic text analysis ☐ Other:	☐ Weights ☐ Roles ☐ Links	Done by subscriber Done by professional indexer Using: ☐ Weights ☐ Logical connectors ☐ Roles ☐ Truncation ☐ Links ☒ Other:
Avg. no. terms per document: _____ Indexed in-house _____		Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE		VIII. FORM OF ANNOUNCEMENT
☐ Boolean Logic ☐ Single term match ☐ Weights & hit level ☒ Other:	☐ Negation ☐ Must terms ☐ Percent match	☐ Cards with machine-readable stubs ☐ Computer printout (paper) ☐ Reproduced abstracts ☐ Reproduced documents ☒ Other. **Microfiche**
Avg. no retrievals/user/run: _____ Run frequency: **Semi-monthly**		*(PLEASE ATTACH SAMPLE)*

IX. SUBSCRIBER FEEDBACK	X. PROFILE UPDATING
☒ Questionnaire ☒ Interviews ☐ User evaluation of each citation ☐ Orders for documents ☐ Other: Do you provide copies of documents on request? **Yes**	☒ By subscriber ☐ By indexer ☐ Automatic, by subscriber feedback to computer ☐ Other: Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Automatic Services & Products (ASP) Summary Report, June 1966

Reprint available from respondent? **No**

COMMENTS (Continue on page 2)

The above information pertains to the Automatic Distribution of Technical Reports in Microfiche form. The input processing information (II-X) is described in The Group Announcement Bulletin (GAB) fact sheet [editor's note. see page 104]. Microfiche is being supplied with GAB according to their Field/Group Profiles, which may be different from their GAB profile. In FY 1965, 213,000 microform copies were distributed.

Special Interest Group on SDI, American Society for Information Science

Name of Respondent Elizabeth A. Wainio Phone area 216 352-9311	Organization & Address Diamond Shamrock Corp. T. R. Evans Research Center P. O. Box 348 Painesville, Ohio 44077	I wish to receive copies of all responses. ☐ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _9_
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
    Mfgr./Model __360 - IBM__
    Program language ____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☒ External tape
    From: __Engineering Index -Plastics__
- ☐ Other (use comment block below)

Total number of citations per month: ____

IV. TYPES OF DOCUMENTS
- ☒ Reports ____%
- ☒ Journal articles ____%
- ☒ Trade magazines ____%
- ☒ Patents ____%
- ☐ Other ____%

Major broad subject area: **Plastics**

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☒ Roles
- ☒ Links

Avg. no. terms per document: ____
Indexed in-house? ____

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☒ Roles
- ☒ Links
- ☐ Logical connectors
- ☐ Truncation
- ☒ Other:

Avg. no. terms per profile: ____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: ____
Run frequency: ____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? ____

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: ____

Identify the publication that gives the most complete description of current or planned system:

Engineering Index - Plastics Monthly

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

We have a pilot study with Engineering Index for SDI and also have an internal system for one area of plastics.

SDI SYSTEM FACT SHEET

Name of Respondent Virginia Raynes Phone 593-4907	Organisation & Address Douglas Aircraft Co. 3855 Lakewood Blvd, Long Beach, Calif.	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
☐ Operational
☒ Pilot operation
☐ Planning stage
Present no. of subscribers: 40
☒ Individuals ☒ Small groups ☐ Organizations
Projected subscribership in 6 months:
	II. PROCESSING MODE
	☐ Computer
	  Mfgr./Model 360-65
	  Program language Cobol
	☐ Punched card equipment only
	☐ Primarily manual

III. CITATION INPUT ☐ In-house documents ☐ Selected external documents ☒ External tape From: ISI ☐ Other (use comment block below) Total number of citations per month: _____	**IV. TYPES OF DOCUMENTS** ☐ Reports ____ % ☒ Journal articles 100 % ☐ Trade magazines ____ % ☐ Patents ____ % ☐ Other ____ % Major broad subject area:

V. INDEXING OF CITATIONS
☐ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☒ Words in title ☐ Links
☐ Automatic text analysis
☒ Other: Abstracts
 	
Avg. no. terms per document: ___
Indexed in-house? No
	VI. INDEXING OF PROFILES
	☐ Done by subscriber
	☐ Done by professional indexer
	Using:
	  ☐ Weights ☐ Logical connectors
	  ☐ Roles ☐ Truncation
	  ☐ Links ☐ Other:
	
	Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE ☐ Boolean Logic ☒ Negation ☒ Single term match ☐ Must terms ☒ Weights & hit level ☐ Percent match ☐ Other: Avg. no retrievals/user/run: 40 Run frequency: Weekly	**VIII. FORM OF ANNOUNCEMENT** ☒ Cards with machine-readable stubs ☐ Computer printout (paper) ☐ Reproduced abstracts ☐ Reproduced documents ☐ Other: (PLEASE ATTACH SAMPLE)
IX. SUBSCRIBER FEEDBACK ☐ Questionnaire ☐ Interviews ☒ User evaluation of each citation ☐ Orders for documents ☐ Other: Do you provide copies of documents on request? Yes	**X. PROFILE UPDATING** ☒ By subscriber ☐ By indexer ☒ Automatic, by subscriber feedback to computer ☐ Other: Avg. frequency of updating: annually

Identify the publication that gives the most complete description of current or planned system: Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Name of Respondent Margaret B. Thornton	Organisation & Address Commanding Officer Edgewood Arsenal ATTN: SMUEA-TSTI-TL Edgewood Arsenal, MD 21010	I wish to receive copies of all responses. ☐
Phone AUTOVON 231-1360 Ext 21150/26267		(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
☐ Operational
☒ Pilot operation
☐ Planning stage
Present no. of subscribers: __65__
☒ Individuals ☐ Small groups ☐ Organisations
Projected subscribership in 6 months:

II. PROCESSING MODE
☐ Computer
   Mfgr./Model _____
   Program language _____
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☐ Selected external documents
☐ External tape
   From: _____
☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
☐ Reports ____ %
☐ Journal articles ____ %
☐ Trade magazines ____ %
☐ Patents ____ %
☐ Other ____ %

Major broad subject area:

V. INDEXING OF CITATIONS
☐ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
☐ Done by subscriber
☐ Done by professional indexer
Using:
   ☐ Weights   ☐ Logical connectors
   ☐ Roles   ☐ Truncation
   ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
☐ Boolean Logic   ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☐ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☐ Interviews
☐ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
☐ By subscriber
☐ By indexer
☐ Automatic, by subscriber feedback
   to computer
☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Research and Development Technical Report ECOM-3001
Development & Evaluation of a Large-Scale System for Selective Dissemination
of Information (SDI)   Reprint available from respondent

COMMENTS (Continue on page 2)
Fort Monmouth is performing the computer work for the Edgewood Arsenal
Technical Library as part of its NAPALM responsibility. The EA Honeywell
computer is not compatible with the Defense Documentation tapes. We have
been given the privilege of enrolling 65 subscribers.

(over)

COMMENTS (continued)

The EA participants are more than pleased with the timeliness and applicability of the documents obtained from the match of the DDC tapes and their subject profiles. In fact, there is a standby group who are hopefully waiting for some of the present subscribers to retire or transfer.

When Edgewood Arsenal obtains its new computer, which will be compatible with DDC tapes, the Technical Library will enroll as many scientists and engineers in the SDI program as express a desire.

FUTURE PLANS

If cost data on system is available, please check here. _____

Name of Respondent A. C. STARKE Phone (215) 258-6101	Organization & Address GAF Corporation Central Research Laboratory 457 Lincoln Street Easton, Pa 18042	I wish to receive copies of all responses. (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: 150
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE PRINTER
- ☐ Computer as 360/30
  - Mfgr./Model _____
  - ☒ Program language _____
- ☒ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: 300

IV. TYPES OF DOCUMENTS
- ☒ Reports 100 %
- ☐ Journal articles ___ %
- ☐ Trade magazines ___ %
- ☐ Patents ___ %
- ☐ Other ___ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: 20
Indexed in-house? Yes

VI. INDEXING OF PROFILES
done { ☐ Done by subscriber
     { ☐ Done by professional indexer   Planned
Using
- ☐ Weights   ☒ Logical connectors
- ☐ Roles   ☐ Truncation
- ☒ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____ Planned
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:
  Printed Index
  By Descriptor Author, KWIC index, Title & Subtitle

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK Planned
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? Yes

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☒ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:
GAF Document Storage and Retrieval System
Am. Doc 19 (2) 173 (april 1968)   1 copy enclosed   Reprint available from respondent? Yes

COMMENTS (Continue on page 2)
The chemical file contains 2000 compounds. The document file contains 3500 reports at this time.
ACS 2/27/69

Name of Respondent PAUL J. HORVATH Phone AREA 216 WE-3-6181, EXT. 330	Organisation & Address B.F. GOODRICH CHEM. CO. DEVELOPMENT CENTER P.O. BOX 122 AVON LAKE, OHIO 44012	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __30__
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __GE-235__
  - Program language __GECOM__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __400__

IV. TYPES OF DOCUMENTS
- ☐ Reports __90__ %
- ☐ Journal articles __10__ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☒ Roles
- ☒ Links

Avg. no. terms per document: __40__
Indexed in-house? __YES__

VI. INDEXING OF PROFILES

BOTH {
- ☒ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☒ Roles
- ☒ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: __200__

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☒ Other: + LINKS + ROLES
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

JOURNAL OF CHEMICAL DOCUMENTATION, AUG. 1967

Reprint available from respondent? __YES__

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☒
Martha S. Williams	*Technical Information Research* *IIT Research Institute*	(You may check even if you don't complete form)
Phone *225-9630*	*10 W. 35th St.* *Chicago, Illinois 60616*	

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _70_
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  Mfgr. / Model _IBM 360/50_
  Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  From: _Chemical Abstracts Service_
- ☐ Other (use comment block below)
  Condensates tape

Total number of citations per month: _8000_

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☒ Journal articles ____ %
- ☐ Trade magazines ____ %
- ☒ Patents ____ %
- ☐ Other ____ %

Major broad subject area _Chemistry_

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☒ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no terms per document _____
Indexed in-house? _No_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☒ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other

Avg no. terms per profile. _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☒ User evaluation of each citation _maybe_
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _Not at present_

X. PROFILE UPDATING
- ☒ By subscriber _(this - not yet determined)_
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other

Avg frequency of updating _____

Identify the publication that gives the most complete description of current or planned system

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

FUTURE PLANS: We plan to expand our Computerized Information Dissemination Center data base to search additional tapes, such as Biological Abstracts, Engineering Index, ISI tapes, etc., as indicated by user requirements.

Special Interest Group on SDI, American Society for Information Science

SDI SYSTEM FACT SHEET

Name of Respondent P. CLAGUE	Organisation & Address SDI INVESTIGATION INSTITUTION OF ELECTRICAL ENGINEERS 26 PARK PLACE STEVENAGE HERTS ENGLAND	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone		

I. STATUS OF SYSTEM
- ☐ Operational
- ☑ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **550**

☑ Individuals ☑ Small groups ☐ Organisations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☑ Computer
  Mfgr./Model **ENGLISH ELECTRIC KDF 9**
  Program language **MACHINE CODE**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☑ Selected external documents
- ☐ External tape
  From: _____
- ☐ Other (use comment block below)

Total number of citations per month: **1000**

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☑ Journal articles **100** %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☐ Other ____ %

Major broad subject area: **ELECTRONICS RESEARCH**

V. INDEXING OF CITATIONS
- ☑ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: **10**
Indexed in-house? **YES**

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☑ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☑ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: **60**

VII. MATCHING TECHNIQUE
- ☑ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: **10**
Run frequency: **WEEKLY**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☑ Other: **CARDS WITH COMPUTER PRINTOUT**

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☑ Questionnaire
- ☑ Interviews
- ☑ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **No**

X. PROFILE UPDATING
- ☐ By subscriber
- ☑ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **Not fixed. As required by performance, user comment or changed interests**

Identify the publication that gives the most complete description of current or planned system:

Computer based information retrieval systems: proceedings of a conference. Liverpool College of Commerce April 1968. Clive Bingley. 1968.

Reprint available from respondent? **No**

COMMENTS (Continue on page 2)
The SDI service was set up to provide the basis for an investigation of various aspects of SDI, including economics, performance, and acceptability to users. The actual weekly service is being provided free to the users for a period of approximately 12 months. In return, participants will help to evaluate the service.

Special Interest Group on SDI, American Society for Information Science

SDI SYSTEM FACT SHEET

Name of Respondent Dr. M. G. Howell Mr. Stanley De Voe	Organization & Address Lederle Laboratories Pearl River, New York 10965	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone 914-735-5000, ext. 3410		

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __40__
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: __150__

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __IBM 360/30__
  - Program language __BAL__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  - From: __Chemical Abstracts__
- ☐ Other (use comment block below)

Total number of citations per month: __≈ 20,000__

IV. TYPES OF DOCUMENTS
- ☐ Reports ___ %
- ☒ Journal articles ___ %
- ☐ Trade magazines ___ %
- ☒ Patents ___ %
- ☐ Other ___ %

Major broad subject area: __Chemistry, Life Sciences__

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☒ Free terms   ☐ Roles
- ☒ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: __10-15__
Indexed in-house? __NO__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights   ☒ Logical connectors
- ☐ Roles   ☒ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: __10__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☒ Negation
- ☒ Single term match   ☒ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: __variable__
Run frequency: __weekly__

VIII. FORM OF ANNOUNCEMENT
- ☒ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

Final form not selected

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? ____
__not at present__

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __not yet determined__

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Chemical Abstracts Condensates is the system being developed.
FUTURE PLANS: Interested in operating through an external computer center, such as the University of Georgia, holding a number of data bases, including Condensates, Biological Abstracts, Bioresearch Index, Index Chemicus Registry System, etc., if costs are competitive with in-house processing.

SDI SYSTEM FACT SHEET

Name of Respondent Jack Sieburg, Chief EDP Branch, Phone *FTS 825-4344* *AUTOVON: 553-1510 x344 -6101* *Commercial 303-825-16**SJA (LITE)*	Organisation & Address Legal Information Thru Electronics* 3800 York Street Denver, CO 80205	I wish to receive copies of all responses. ☎ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __25__
- ☒ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __RCA 70/45__
  - Program language __BAL__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: __75__

IV. TYPES OF DOCUMENTS
- ☐ Reports ____ %
- ☐ Journal articles ____ %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☒ Other __100__ %

Major broad subject area: Decisions of the Comptroller General of U.S.

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☒ Automatic text analysis
- ☐ Other:

- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: __1000 words__
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☒ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☒ Other: Word relationships

Avg. no. terms per profile: __8__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:

- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __5__
Run frequency: __weekly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __Yes__

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: __Data not available__

Identify the publication that gives the most complete description of current or planned system:

An article describing the original system "Automatic Abstracting, Indexing and Distribution of Legal Information," appeared in the November 1966 issue of DATAMATION. No published material is available on the revised system. Reprints of original article are available. ___ Reprint available from respondent? ___

COMMENTS (Continue on page 2) The AID (automated abstracting, indexing and distribution) system has been tested and proven satisfactory under prototype conditions. Due to budgetary limitations, no further testing or system development is being conducted at this time.

FUTURE PLANS: Assuming availability of funds, expansion of the system to include: (1) increased subscribers and (2) additional input files is planned for FY70.

SDI SYSTEM FACT SHEET

| Name of Respondent

Jay Droz

Phone

967-8324 | Organization & Address

Information Systems Office

Library of Congress

2nd + Independent S.E

Washington, D.C. | I wish to receive copies of all responses. ☑

(You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☐ Operational
- ☑ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **50**

☑ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: **650**

II. PROCESSING MODE
- ☑ Computer
  - Mfgr./Model **IBM 360 and 40**
  - Program language **COBOL**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☑ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: **600 in place?**

IV. TYPES OF DOCUMENTS
- ☑ Reports **15** %
- ☑ Journal articles **25** %
- ☐ Trade magazines ____ %
- ☐ Patents ____ %
- ☑ Other **10** %

Major broad subject area: **Pilot-Economics Social Science**

V. INDEXING OF CITATIONS
- ☑ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: **6**

Indexed in-house? **YES**

VI. INDEXING OF PROFILES
- ☑ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: **20**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☑ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____

Run frequency: **WEEKLY**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☑ Computer printout (paper) **photoreduced aperture**
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☑ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **No**

X. PROFILE UPDATING
- ☑ By subscriber
- ☐ By indexer
- ☑ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: **weekly**

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent ROBERT A. BENSON Phone 513-861-7444, Ext. 3491	Organisation & Address Monsanto Research Corp. Mound Laboratory Miamisburg, Ohio 45342	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM ☐ Operational ☒ Pilot operation ☐ Planning stage Present no. of subscribers: 14 ☐ Individuals ☒ Small groups ☐ Organizations Projected subscribership in 6 months:	II. PROCESSING MODE ☐ Computer 　Mfgr./Model _____ 　Program language _____ ☐ Punched card equipment only ☐ Primarily manual
III. CITATION INPUT ☐ In-house documents ☐ Selected external documents ☐ External tape 　From: _____ 　☐ Other (use comment block below) 　　Use Ames SDI Total number of citations per month: _____	IV. TYPES OF DOCUMENTS ☐ Reports _____ % ☐ Journal articles _____ % ☐ Trade magazines _____ % ☐ Patents _____ % ☐ Other _____ % Major broad subject area:
V. INDEXING OF CITATIONS ☐ Thesaurus ☐ Weights ☐ Free terms ☐ Roles ☐ Words in title ☐ Links ☐ Automatic text analysis ☐ Other: Avg. no. terms per document: _____ Indexed in-house? _____	VI. INDEXING OF PROFILES ☐ Done by subscriber ☐ Done by professional indexer Using: 　☐ Weights ☐ Logical connectors 　☐ Roles ☐ Truncation 　☐ Links ☐ Other: Avg. no. terms per profile: _____
VII. MATCHING TECHNIQUE ☐ Boolean Logic ☐ Negation ☐ Single term match ☐ Must terms ☐ Weights & hit level ☐ Percent match ☐ Other: Avg. no retrievals/user/run: _____ Run frequency: _____	VIII. FORM OF ANNOUNCEMENT ☐ Cards with machine-readable stubs ☐ Computer printout (paper) ☐ Reproduced abstracts ☐ Reproduced documents ☐ Other: PLEASE ATTACH SAMPLE
IX. SUBSCRIBER FEEDBACK ☐ Questionnaire ☐ Interviews ☐ User evaluation of each citation ☐ Orders for documents ☐ Other: Do you provide copies of documents on request? _____	X. PROFILE UPDATING ☐ By subscriber ☐ By indexer ☐ Automatic, by subscriber feedback 　　to computer ☐ Other: Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

　　　　　　　　　　　　　　　　　　　Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Name of Respondent John H. Schneider	Organisation & Address Scientific and Technical Information Officer Room 8A-05 Westwood Building National Cancer Institute Bethesda, Maryland 20014	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone (301) 496-7763		

I. STATUS OF SYSTEM
- ☐ Operational   See comments and
- ☒ Pilot operation future plans below.
- ☐ Planning stage

Present no. of subscribers: **103**
☒ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months: **N.A.**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **IBM 360-50**
  - Program language **FORTRAN**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

1396 articles is total data base for
Total number of citations per month: **100** trial.

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles **100** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: **Cancer Research**

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☒ Other: **Assign categories from linear**
hierarchical decimal classification
Avg. no. terms per document: **3.8**
Indexed in-house? **Yes**

V. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☒ Other: **Categories from**
hierarchical decimal classification
Ave no. terms per profile: **20**

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☒ Other: **(See Note 1 below)**

Avg. no retrievals/user/run: **N.A.**
Run frequency: **Twice a month**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☒ Other.
  (See Note 2 below)

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **No**

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Update precedes
Avg. frequency of updating: **matching as integral part of computer run.**

Identify the publication that gives the most complete description of current or planned system:
Schneider, J.H., "A Computerized System Based on a Hierarchical Decimal
Classification: Use for Selective Dissemination of Biomedical Information",
in Proceedings of 5th Nat. Colloq. of Info.   Reprint available from respondent? **Yes**
Retrieval, Philadelphia, 1968 (in press).

COMMENTS (Continue on page 2)
    This system was set up to run for a one-year trial period on an experi-
mental basis only. The one-year trial has been completed and several papers
describing the results are in preparation. 1,396 articles from 12 major
cancer research journals were indexed and matched against the profiles of
103 active research scientists. (over)

COMMENTS (continued)

NOTE 1: A single-hit match between any one number assigned to the user and any one number assigned to the article is sufficient to identify a useful article. Categories assigned to the article are as specific as possible. Thus the number 51.743 assigned to a user will match all articles indexed under 51.743251 or any other subdivision of 51.743.

NOTE 2: When a match occurred, the user received a copy of the front page of the journal article. In most cases, this had title, names of authors, address of authors (for reprint ordering), name of journal, volume, page, and author-prepared abstract as well as a useful part of the introduction. If any of this information was missing from the front page, it was either written on the page or cut from the back of the article and taped to the front page sc that every notification had all the data mentioned in the last sentence. Xerox copies of this single page notification were mailed to each user.

FUTURE PLANS

The results of the one-year trial were very encouraging, but the system cannot become fully operational until the classification is automated to permit and encourage easy, frequent updating. For this reason, attention is currently directed toward automation of the classification and publishing the results of the trial. Hopefully it will be possible to begin a small-scale SDI system on an operational basis after the linear hierarchical decimal classification of biomedical information has been fully auton ted. On-line use of the classification is also planned for the more distant future.

If cost data on system is available, please check here. __X__

120

SDI SYSTEM FACT SHEET

Name of Respondent J. J. NICOLAUS, Director	Organisation & Address Naval Ship Systems Command, 205 Main Navy Building Washington, D. C. 20360	I wish to receive copies of all responses. ☒
Phone Oxford 6-6954		(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: __10__
☒ Individuals   ☐ Small groups   ☐ Organisations
Projected subscribership in 6 months: __25__

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __IBM 1401 7090__
  - Program language __COBOL__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☐ External tape
  - From: _____
- ☒ Other (use comment block below)
  Navy sponsored Research and Development

Total number of citations per month: __800__ __reports__.

IV. TYPES OF DOCUMENTS
- ☒ Reports __90__ %
- ☒ Journal articles __10__ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: __Engineering__

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☒ Roles
- ☒ Links

Avg. no. terms per document: __25__
Indexed in-house? __yes__

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☐ Weights
- ☒ Roles
- ☒ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: __12__

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: __20__
Run frequency: __monthly__

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other.

PLEASE
ATTACH
SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☒ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? __yes__

X. PROFILE UPDATING
- ☐ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback
  to computer
- ☐ Other:

Avg. frequency of updating: __3 month intervals__

Identify the publication that gives the most complete description of current or planned system:

1. Automated Approach to Technical Information Retrieval - Library Applications. Dept. of the Navy, Bureau of Ships Technical Library, Washington, D. C. 20360, March 1964. (NAVSHIPS 250-210-2) GPO Catalog No. D211.2:Au8, Price 30 cents. Reprint available from respondent? __No__

COMMENTS (Continue on page 2)

2. Project SHARP (SHips Analysis and Retrieval Project) Information Storage and Retrieval Effectiveness. Dept. of the Navy, Bureau of Ships, Washington, D. C. 20360, June 1964. (NAVSHIPS 250-210-3) GPO Catalog No. D 211.2:SH2, Price 35 cents.

3. Project SHARP (SHips Analysis and Retrieval Project) Information Storage and Retrieval System: Computer Aspects and Programs. Dept. of the Navy, Bureau of Ships, Washington, D. C., Dec. 1964. (NAVSHIPS 9000-C01-4000) GPO Catalog No. D 211.2:SH2, Price 50 cents.

SDI SYSTEM FACT SHEET

Name of Respondent	Organization & Address	I wish to receive copies of all responses.
Fred Barrett	The Upjohn Company	
Phone	Technical Library 25-7	(You may check even if you don't complete form.)
616-345-3571- Ext 7089	Kalamazoo, Mich. 49001	

I. STATUS OF SYSTEM
- ☐ Operational
- ☒ Pilot operation
- ☐ Planning stage

Present no. of subscribers: **25**
☒ Individuals ☐ Small groups ☐ Organizations
Projected subscribership in 6 months: **150**

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model **IBM 360/30**
  Program language **FORTRAN**
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape cards
  From: **Derwent - Ringdoc**
- ☐ Other (use comment block below)

Total number of citations per month: **3000**

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☒ Journal articles **100** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: **Drugs**

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☒ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: **6-8**
Indexed in-house? **NO**

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer
Using:
- ☒ Weights   ☒ Logical connectors
- ☐ Roles   ☒ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: **10**

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☒ Negation
- ☒ Single term match   ☒ Must terms
- ☒ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: **Weekly**

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire
- ☐ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? **Yes**

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

None

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

III. PLANNED SYSTEMS

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☑
Mrs. Marjorie R. Hyslop Phone 216-338-5151	American Society for Metals Metals Park, Ohio 44073	(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☐ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organizations

Projected subscribership in 6 months: _____

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic   ☐ Negation
- ☐ Single term match ☐ Must terms
- ☐ Weights & hit level ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

While no SDI system is in operation at the present time, we have tentative plans to install one perhaps some time during 1970. It would be based upon the index tapes generated to publish Metals Abstracts Index (companion publication to Metals Abstracts). About 2,000 documents per month are abstracted annually, selected primarily from journals and trade magazines, but including reports, books, and other generally valuable publications. The index is thesaurus controlled and indexing is to a depth of about four terms per document. Computer equipment used is IBM 1401 in 360 simulation.

Name of Respondent Alfred Pietrzyk Associate Director	Organization & Address Linguistic Documentation Program Center for Applied Linguistics 1717 Massachusetts Avenue, N.W. Washington, D.C. 20036	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone [202] 265-3100, ex. 274		

I. STATUS OF SYSTEM
☐ Operational
☐ Pilot operation
☒ Planning stage
Present no. of subscribers: _____
☐ Individuals   ☐ Small groups   ☐ Organizations
Projected subscribership in 6 months: _____

II. PROCESSING MODE
☒ Computer
  Mfgr./Model _____
  Program language _____
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☒ Selected external documents
☒ External tape
  From: _____
☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
☒ Reports _____%
☒ Journal articles _____%
☐ Trade magazines _____%
☐ Patents _____%
☐ Other _____%

Major broad subject area: **Language Sciences**

V. INDEXING OF CITATIONS
☒ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title ☐ Links
☐ Automatic text analysis
☐ Other:

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
☒ Done by subscriber
☐ Done by professional indexer
Using:
  ☐ Weights   ☐ Logical connectors
  ☐ Roles   ☐ Truncation
  ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
☐ Boolean Logic   ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no. retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☒ Computer printout (paper)
☐ Reproduced abstracts
☒ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☒ Questionnaire
☒ Interviews
☐ User evaluation of each citation
☒ Orders for documents
☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
☒ By subscriber
☐ By indexer
☒ Automatic, by subscriber feedback
  to computer
☐ Other

Avg. frequency updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

COMMENTS (continued)

With reference to your letter dated February 19, 1969 (AMSEL-TD-TI), the
Center for Applied Linguistics may provide two responses, one of which is
enclosed herewith.

I am replying on behalf of our Language Information Network and Clearinghouse
System (LINCS) program under National Science Foundation Grant GN-771.
Although the LINCS program is not yet operational, our long-range plans
provide for several uses of the SDI approach. Compatibility with the other
information systems is a major consideration. In view of this, it would be
very helpful if the LINCS program could be included in the mailing list for
all materials dealing with SDI, including your handbook and news letter.

FUTURE PLANS

The applicability of SDI techniques will be explored for both primary
and secondary documents to be processed in the discipline-based Language
Information Network and Clearinghouse System (LINCS) which is being
developed by the Center for Applied Linguistics under National Science
Foundation Grant GN-771.

If cost data on system is available, please check here. _____

126

SDI SYSTEM FACT SHEET

Name of Respondent	Organisation & Address	I wish to receive copies of all responses.
Stanley B. Gross, Ph.D.	Dept. of Environmental Health University of Cincinnati Kettering Laboratory Cincinnati, Ohio 45219	☒ (You may check even if you don't complete form.)
Phone 872-5780		

I. STATUS OF SYSTEM
☐ Operational
☐ Pilot operation
☒ Planning stage
Present no. of subscribers: _____
☒ Individuals ☒ Small groups ☐ Organisations
Projected subscribership in 6 months: 10-50

II. PROCESSING MODE
☒ Computer
    Mfgr./Model 360/M 50 Assembly + PL-1
    Program language Variable
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☒ In-house documents
☐ Selected external documents
☒ External tape
    From: CAS, others as available
☐ Other (use comment block below)

Total number of citations per month: ?

IV. TYPES OF DOCUMENTS
☒ Reports 10 %
☒ Journal articles 85 %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other 5 %

Major broad subject area: Environ Health, Toxicology Occupational Health

V. INDEXING OF CITATIONS
☒ Thesaurus   ☐ Weights
☒ Free terms   ☐ Roles
☒ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other

Avg. no. terms per document: ?10
Indexed in-house? both inside + out

VI. INDEXING OF PROFILES
☐ Done by subscriber
☐ Done by professional indexer
Using:
    ☐ Weights   ☐ Logical connectors
    ☐ Roles   ☐ Truncation
    ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
☒ Boolean Logic   ☐ Negation
☐ Single term match ☐ Must terms
☐ Weights & hit level ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☒ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☒ Other: terminal print out

Author
Title
Source
Descriptor phrases

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☒ Questionnaire
☒ Interviews
☒ User evaluation of each citation
☒ Orders for documents
☒ Other: what ever necessary through library

Do you provide copies of documents on request? yes

X. PROFILE UPDATING
☐ By subscriber
☐ By indexer
☒ Automatic, by subscriber feedback
    to computer
☐ Other:

Avg. frequency of updating: probably weekly at 1st

Identify the publication that gives the most complete description of current or planned system:
IBM's Document Processing System modified for author, subject listing etc.
IBM's SDI programs   formal paper presentation (submitted for publication)
Chem. Abstracts tape resources.

Reprint available from respondent? Yes

COMMENTS (Continue on page 2)
Aspired systems will provide online or batch searches by subject/author; accession listings by authors/subjects for publication purposes & possibly a 24 hr/day access to a toxicology data base for poison treatment.

SDI SYSTEM FACT SHEET

Name of Respondent Thomas H. Rees, Jr. Medical Center Librarian	Organisation & Address Medical Center Libraries University of Cincinnati Cincinnati, Ohio 45219	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone (513) 872-5651		

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: _____
☐ Individuals ☐ Small groups ☐ Organisations
Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  Mfgr./Model IBM 360/50
  Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☒ External tape
  From: Amer. Chem. Soc.
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer
Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback
  to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)
  We had considerable trouble searching <u>Chemical Titles</u> on an IBM 1401,
  but are about to try searching <u>Chemical-Biological Activities</u> on the 360.

Special Interest Group on SDI, American Society for Information Science

Name of Respondent Anna M. Coleman	Organization & Address Dow Corning Corporation Midland, Michigan 48640	I wish to receive copies of all responses. ✓
Phone 517-636-8950		(You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: _____
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months: _____

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model __IBM 360-50__
  - Program language __PL-1 (probably)__
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents - Later
- ☐ Selected external documents - Much later
- ☒ External tape - First
  - From: __DDC__
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: Silicone chemistry and related technology.

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☒ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☒ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating _____

Identify the publication that gives the most complete description of current or planned system:

We would be interested in knowing of any other companies that plan to use DDC tape, and are limited like ourselves to 9-track in-house capability; object, sharing cost of conversion. The thing is still in the planning stage so many parameters are undefined. We are delayed (1) by the programming problem resulting from the total commitment of our company's computer operation to PL-1, and (2) by the problem of getting fiche-to-fiche reproduction capability. When we get (1) solved, we can start on (2). Meanwhile we want to learn all we can from the experience of others.

Name of Respondent **Priscilla Linsley** Phone **609-921-9000 X2664**	Organization & Address **Educational Testing Service** **Princeton, N. J. 08540**	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: _____
- ☒ Individuals ☒ Small groups ☐ Organizations

Projected subscribership in 6 months: **200**

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model **IBM/360**
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☒ Reports **10** %
- ☒ Journal articles **90** %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area: **Education, Psychology**

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

Name of Respondent Keith G. Elair Phone 277-8900 Ext. 1073	Organization & Address **Convair Division of General Dynamics** **Library and Information Services** P. O. Box 12009 San Diego, California 92112	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: _____
- ☐ Individuals ☐ Small groups ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☐ Computer
  - Mfgr. / Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile. _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback
  - to computer
- ☐ Other:

Avg. frequency of updating. _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? ____

COMMENTS (Continue on page 2)

Name of Respondent John E. Rosenberg	Organization & Address **Commanding Officer** **Harry Diamond Laboratories** **ATTN: LIBRARY** **Washington, D. C. 20438**	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone **Area Code 202 IDS Code** **OX 69715 11**		

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☑ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☐ Computer
  - Mfgr./Model _____
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☐ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☐ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☐ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights
- ☐ Roles
- ☐ Links
- ☐ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☐ Boolean Logic
- ☐ Single term match
- ☐ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

SDI Program is being considered at this Installation but is still in the early planning stages and it is not possible at this time to give any details.

Name of Respondent C. E. Merritt	Organization & Address Technical Library Services Section Hughes Aircraft Co. M.S. E-175 Culver City, Calif. 90230	I wish to receive copies of all responses. ☒ (You may check even if you don't complete form.)
Phone (213) 391-0711 Ext. 3474		

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organizations

Projected subscribership in 6 months: 10

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model _GE-635_
  - Program language _____
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☐ Selected external documents
- ☐ External tape
  - From: _____
- ☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
- ☒ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☐ Free terms
- ☐ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☐ Links

Avg. no. terms per document: _5_
Indexed in-house? _YES_

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☐ Links
- ☒ Logical connectors
- ☐ Truncation
- ☐ Other:

Avg. no. terms per profile: _?_

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☐ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☐ Negation
- ☐ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: _?_
Run frequency: _?_

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☐ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other: ?

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation ?
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _Unknown_

Identify the publication that gives the most complete description of current or planned system:

None

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

We expect to have an in-house SDI capability within six months. We intend to be sure the system is operational, and when it is, the system will be kept in reserve for a larger thruput than can be provided for with internal reports.

Name of Respondent	Organization & Address	I wish to receive copies of all responses. ☐
DR. W.A. KOZUMPLIK	LOCKHEED MISSILES & SPACE Co. 3251 HANOVER ST PALO ALTO, CALIF. 94304	(You may check even if you don't complete form.)
Phone (415) 324-3311 x 45041		

I. STATUS OF SYSTEM
☐ Operational
☐ Pilot operation
☒ Planning stage
Present no. of subscribers: _____
☐ Individuals   ☐ Small groups   ☐ Organizations
Projected subscribership in 6 months:

II. PROCESSING MODE
☐ Computer
   Mfgr. / Model _____
   Program language _____
☐ Punched card equipment only
☐ Primarily manual

III. CITATION INPUT
☐ In-house documents
☐ Selected external documents
☐ External tape
   From: _____
☐ Other (use comment block below)

Total number of citations per month: _____

IV. TYPES OF DOCUMENTS
☐ Reports _____ %
☐ Journal articles _____ %
☐ Trade magazines _____ %
☐ Patents _____ %
☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
☐ Thesaurus   ☐ Weights
☐ Free terms   ☐ Roles
☐ Words in title   ☐ Links
☐ Automatic text analysis
☐ Other

Avg. no. terms per document: _____
Indexed in-house? _____

VI. INDEXING OF PROFILES
☐ Done by subscriber
☐ Done by professional indexer
Using:
☐ Weights   ☐ Logical connectors
☐ Roles   ☐ Truncation
☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
☐ Boolean Logic   ☐ Negation
☐ Single term match   ☐ Must terms
☐ Weights & hit level   ☐ Percent match
☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
☐ Cards with machine-readable stubs
☐ Computer printout (paper)
☐ Reproduced abstracts
☐ Reproduced documents
☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
☐ Questionnaire
☐ Interviews
☐ User evaluation of each citation
☐ Orders for documents
☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING
☐ By subscriber
☐ By indexer
☐ Automatic, by subscriber feedback
   to computer
☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Reprint available from respondent? _____

COMMENTS (Continue on page 2)

SDI SYSTEM FACT SHEET

Name of Respondent DM SIMMS	Organization & Address MOBIL RESEARCH & DEVELOP CORP. 3600 DUNCANVILLE RD. DALLAS, 75236	I wish to receive copies of all responses. ☑ (You may check even if you don't complete form.)
Phone AC 214 FE 1-6581 X417		

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: ___0___
- ☒ Individuals ☒ Small groups ☐ Organizations
- Projected subscribership in 6 months: 0

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model ___360/50 H___
  - Program language ___PL/1___
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☒ External tape
  - From: VARIOUS DATA BASES
- ☐ Other (use comment block below)

Total number of citations per month: UNK - VARIABLE

IV. TYPES OF DOCUMENTS
- ☒ Reports 40 %
- ☒ Journal articles 35 %
- ☒ Trade magazines 15 %
- ☒ Patents 10 %
- ☐ Other _____ %

Major broad subject area: EXPLORATION AND PRODUCTION - PETROLEUM BASED LIT.

V. INDEXING OF CITATIONS
- ☒ Thesaurus
- ☒ Free terms
- ☒ Words in title
- ☐ Automatic text analysis
- ☐ Other:
- ☒ Weights
- ☐ Roles
- ☒ Links (STRUCTURE) TREE

Avg. no. terms per document: UNK - VARIABLE
Indexed in-house? 40% ↗ 20-35
60% DATA BASES

VI. INDEXING OF PROFILES
- ☐ Done by subscriber
- ☒ Done by professional indexer

Using:
- ☒ Weights
- ☐ Roles
- ☒ Links
- ☒ Logical connectors
- ☒ Truncation
- ☐ Other:

Avg. no. terms per profile: UNK - VARIABLE

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic
- ☒ Single term match
- ☒ Weights & hit level
- ☐ Other:
- ☒ Negation
- ☒ Must terms
- ☐ Percent match

Avg. no retrievals/user/run: N.A.
Run frequency: N.A.

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs (POSSIBLY)
- ☒ Computer printout (paper)
- ☒ Reproduced abstracts
- ☒ Reproduced documents
- ☐ Other:

PLEASE ATTACH SAMPLE

IX. SUBSCRIBER FEEDBACK
- ☒ Questionnaire P/C STUB BACK POSSIBLY
- ☒ Interviews
- ☒ User evaluation of each citation
- ☒ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? YES

X. PROFILE UPDATING
- ☒ By subscriber
- ☒ By indexer
- ☒ Automatic, by subscriber feedback to computer — POSSIBLY
- ☐ Other:

Avg. frequency of updating: VARIABLE W/ USER AND TYPE OF FILE.

Identify the publication that gives the most complete description of current or planned system:
WE ARE STILL ON THE DRAWING BOARD. SEE COMMENTS 2

Reprint available from respondent? NO

1. E.g. Univ. Georgia —Cosmic Ect. We will emulate but restrict to specific subsets of proprietary concern.
2. Our objective is to produce a general purpose information system that is actually just that - not a cleverly disguised "one problem one system clooge." We are aiming high and we know full well that it's going to be tough. SDI is just to be one capability out of 27 problem areas to be comprehensively studied, compared to the state of the art, designed, implemented, optimized, and incorporated. If you'd like, we will keep your office informed as to progress.

| Name of Respondent

Leo J. Cooney | Organization & Address
Redstone Scientific Information Center
U.S. Army Missile Command
Redstone Arsenal, Ala 35809 | I wish to receive copies of all responses. ☒ |
| Phone

205-876-6088 | | (You may check even if you don't complete form.) |

I. STATUS OF SYSTEM
- ☐ Operational
- ☐ Pilot operation
- ☒ Planning stage

Present no. of subscribers: _____
- ☐ Individuals   ☐ Small groups   ☐ Organizations

Projected subscribership in 6 months:

II. PROCESSING MODE
- ☒ Computer
  - Mfgr./Model *UNIVAC 1108*
  - Program language *COBOL*
- ☐ Punched card equipment only
- ☐ Primarily manual

III. CITATION INPUT
- ☒ In-house documents
- ☒ Selected external documents
- ☒ External tape
  - From: *NASA, DDC*
- ☐ Other (use comment block below)

Total number of citations per month: *UNKNOWN*

IV. TYPES OF DOCUMENTS *UNKNOWN*
- ☐ Reports _____ %
- ☐ Journal articles _____ %
- ☐ Trade magazines _____ %
- ☐ Patents _____ %
- ☐ Other _____ %

Major broad subject area:

V. INDEXING OF CITATIONS
- ☒ Thesaurus   ☐ Weights
- ☐ Free terms   ☐ Roles
- ☐ Words in title   ☐ Links
- ☐ Automatic text analysis
- ☐ Other:

Avg. no. terms per document: *12*
Indexed in-house? *Yes*

VI. INDEXING OF PROFILES *UNKNOWN*
- ☐ Done by subscriber
- ☐ Done by professional indexer

Using:
- ☐ Weights   ☐ Logical connectors
- ☐ Roles   ☐ Truncation
- ☐ Links   ☐ Other:

Avg. no. terms per profile: _____

VII. MATCHING TECHNIQUE
- ☒ Boolean Logic   ☐ Negation
- ☐ Single term match   ☐ Must terms
- ☐ Weights & hit level   ☐ Percent match
- ☐ Other:

Avg. no retrievals/user/run: _____
Run frequency: _____

VIII. FORM OF ANNOUNCEMENT
- ☐ Cards with machine-readable stubs
- ☒ Computer printout (paper)
- ☐ Reproduced abstracts
- ☐ Reproduced documents
- ☐ Other:

(PLEASE ATTACH SAMPLE)

IX. SUBSCRIBER FEEDBACK *UNKNOWN*
- ☐ Questionnaire
- ☐ Interviews
- ☐ User evaluation of each citation
- ☐ Orders for documents
- ☐ Other:

Do you provide copies of documents on request? _____

X. PROFILE UPDATING *UNKNOWN*
- ☐ By subscriber
- ☐ By indexer
- ☐ Automatic, by subscriber feedback to computer
- ☐ Other:

Avg. frequency of updating: _____

Identify the publication that gives the most complete description of current or planned system:

Not Published

Reprint available from respondent? *No*

COMMENTS (Continue on page 2) *The Redstone Scientific Information Center is currently designing in four phases an on-line library system (Automated Literature Processing Handling and Analysis - 2nd Generation) to automate the acquisition, cataloging, inventory, and information retrieval functions as an integrated system. It is anticipated that SDI will be one of the final applications implemented.*

APPENDIX

SAMPLE PRINT-OUTS

I. CARD MEDIA

Announcement cards sent in as samples were of three sizes, 7-3/4 by 3-1/4 inches (computer tab card size), 3 by 5 inches (standard library index card size), and 5 by 8 inches.

Most were printed on a computer and many came perforated in two parts, one of which is to be returned for feedback and the other for the subscriber's file. The Port-a-Punch return card, on which the subscriber can punch out a machine-readable hole indicating relevance and ordering information, is a common option.

Cards have the advantage of being durable, uniform in size, and readily adaptible for setting up a desk reference file. Some representative samples follow:

```
TO -      R. LINCOLN                          023      Ft. Detrick
          BLDG 469                                     Sample Cards
                                                       (See p. 18)

       216-4
                    FROM -                              023
   ÆTIOLOGIC             28 JANUARY 1969
   ANIMAL EN          (CIRCLE APPROPRIATE RESPONSE NUMBER)
    TYPE AI#P         1. OF INTEREST: DOCUMENT REQUESTED
   #PARIS1#15        2. OF INTEREST: DOCUMENT NOT WANTED
   FR                 3. OF INTEREST: HAVE SEEN BEFORE
 M ENTEROTOXI         4. OF NO INTEREST

                     ÆTIOLOGICAL CONSIDERATIONS ON HUMAN AND
                      ANIMAL ENTEROTOXEMIAS OF W. PERFRINGENS
                      TYPE AI#PRIEVOT AR  #BULL ACAD NAT MED
                     #PARIS1#150#616-20#29 NOV 66
                      FR
```

JA MUSHOCK — NAME

816 — DEPT.

201-1 — LOCATION

01-21-69 — DATE

D668459-0921 — DOCUMENT NO.

Of Interest, Document Requested ▪

Of Interest, Document Not Wanted ▪

Of Interest, Have Copy ▪

Of No Interest ▪

Comments or Address Change ▪

INSTRUCTIONS:

1. Read the Abstract

2. Punch out Appropriate Box

3. If you care to comment
   punch out comment box
   and write your comments
   on this card

4. Return this card to Technical
   Reports Center

ELECTRONICS SYSTEMS CENTER, OWEGO, NEW YORK

Selective
Dissemination
of
Information

IBM

06 68-459-0921
DESIGNING FOR CONTAMINATION CONTROL.=
COSTS /EFFECTIVENESS/,CONTAMINATION /CONTROL/, CLEANING,
PACKAGING
WESTINGHOUSE-ELECTRIC CORP.,ASTRO
MACHINE-DESIGN,OCT.24,1968,V.40,N.25,P.193-199,ILLUS.,DIAG.
,TABLES, BURGESS,JA
EFFECTS OF CONTAMINATION IN AEROSPACE EQUIPMENT ARE WELL K
NOWN - THEY CAN BE COSTLY AND OFTEN CATASTROPHIC. BUT DON/T
MISJUDGE THE TOLL THAT CONTAMINANTS TAKE IN LESS EXOTIC PRO
DUCTS. UNCONTROLLED CONTAMINATION CAUSES LOW YIELDS IN MANU
FACTURING, REDUCES SERVICE RELIABILITY AND INCREASES MAINT
ENANCE AND WARRANTY COSTS. CONTAMINATION CAN BE AVOIDED, OR
AT LEAST CONTROLLED, BY DESIGN AND BY SPECIFICATION OF PROP
ER PROCEDURES. HERE ARE DESIGN TOOLS AND TECHNIQUES, AND ME
THODS FOR IMPLEMENTING AN EFFECTIVE CONTAMINATION-CONTROL P
ROGRAM.

II. PAPER PRINTOUT MEDIA

Most paper print-outs are on the standard 11 by 15 inch or 8-1/2 by 11 inch tabulating paper and occur in a wide variety of formats.

Advantages of paper print-outs are that there is plenty of room for a full bibliographic citation with abstract, and in general they provide a more versatile format. Some samples follow.

A69-10200 A MULTISTUB FILTER FOR MICROSTRIPLINE.
ATWOOD, W. STINEHELFER, H. E., SR. /MICROWAVE
ASSOCIATES, INC., BURLINGTON, MASS./. INIT- IEEE
JOURNAL OF SOLID-STATE CIRCUITS, VOL. SC-3, P.
139-142. 5 REFS. DATE- JUN. 1968, SPON-
USAF-ARMY-SUPPORTED RESEARCH.
MULTISTUB FILTER FOR MICROSTRIPLINE USING SHORTED
AND OPEN STUBS
  *BANDPASS FILTERS   BANDWIDTH
   CERAMICS   *ELECTRICAL IMPEDANCE
  *ELECTRONIC FILTERS   SUBSTRATES
  *TRANSMISSION LINES
                            UNCLASSIFIED   REPORT
ISSUE 01 CATEGORY 09

A69-10202 A MICROSTRIP NONRECIPROCAL TUNABLE YIG
FILTER.
GREENE, C. K. /USAF, SYSTEMS COMMAND, RESEARCH
AND TECHNOLOGY DIV., AVIONICS LAB.,
WRIGHT-PATTERSON AFB, OHIO/. INIT- IEEE JOURNAL
OF SOLID-STATE CIRCUITS, VOL. SC-3, P. 146-148. 6
REFS. DATE- JUN. 1968.
NONRECIPROCAL TUNABLE YTTRIUM-IRON GARNET
MICROSTRIP FILTER DESIGN THROUGH GENERATION OF
CIRCULARLY POLARIZED FIELD
   BANDWIDTH   ELECTRICAL MEASUREMENT
   ELECTRONIC FILTERS   ENERGY DIS-
   SIPATION   *POLARIZATION CHARGE-
   SEPARATION   *SEMICONDUCTOR DEVICES
  *YTTRIUM-IRON GARNET
                            UNCLASSIFIED   REPORT
ISSUE 01 CATEGORY 09

A69-10251 CONVERGENCE CRITERIA FOR TRANSVERSAL
EQUALIZERS.
LYTLE, D. W. /WASHINGTON, U., SEATTLE, WASH./.
INIT- BELL SYSTEM TECHNICAL JOURNAL, VOL. 47, P.
1775-1800. 6 REFS. DATE- OCT. 1968.
TRANSVERSAL FILTERS FOR EQUALIZATION OF DATA
CHANNELS WITH PULSE AMPLITUDE MODULATION,
DISCUSSING PULSE EQUALIZABILITY AND CONVERGENCE

1

```
--------------------------
    SDI SELECTED ABSTRACTS
         12 MAR 69
--------------------------
```

TO ORDER DOCUMENTS ANNOUNCED IN THIS BOOKLET, MERELY CHECK THE
DESIRED ITEMS BELOW, RETURN THIS SHEET TO STINFO OFFICER.

CODE	TRUNCATED TITLE	AD #
110 []	PROBLEMS OF INFORMATION TRANSFER IN THE MODERN	846-196
107 []	CREATING FOUNDATIONS FOR TECHNOLOGICAL @SURPRIS	846-146
115 []	INTRODUCTION OF TDM INTO THE DCS,	846-069
108 []	AN ANALOGUE COMPUTER STUDY OF THE HUMAN CARDIOV	846-011
108 []	ELECTROMAGNETIC RADIATION (EMR) TESTING CAPABIL	845-977J
113 []	REJECTION OF OUTLIERS FROM DATA COLLECTIONS, A	845-960
113 []	A-6A DIANE SYSTEM.	845-821
115 []	FURTHER INVESTIGATION OF THE TRANSMISSION OF AR	845-813
113 []	MODEL IMPLEMENTATION FOR THE GROUND-TO-GROUND A	845-653
113 []	MOBILITY SUPPORT FORCES APPLICATION FOR THE SIM	845-652
113 []	TECHNICAL DATA MANAGEMENT SYMPOSIUM HELD AT WAS	680-715
113 []	TECHNICAL DATA MANAGEMENT SYMPOSIUM HELD AT WAS	680-707
114 []	CALCULATING MACHINES AND THEIR OPERATION (SELEC	680-647
113 []	PROJECT INTREX.	680-547
117 []	ARTIFICIAL INTELLIGENCE: THEMES IN THE SECOND	680-487
113 []	MANUAL OF DATA PROCESSING STANDARDS.	680-430
113 []	DEVELOPMENT OF NON-NUMERIC SYSTEMS AND DATA RED	680-417
114 []	COMPUTER GRADING OF GENERAL CHEMISTRY LABORATOR	680-314
106 []	A FAST ALGORITHM FOR BOOLEAN FUNCTION MINIMIZAT	680-305
113 []	INFORMATION PROCESSING.	680-304
113 []	ADVANCED DEVELOPMENT PROTOTYPE.	680-248
102 []	STABILIZING AVERAGES FOR MULTISTEP METHODS OF S	680-199
110 []	DATA MANAGEMENT IN ORDINARY ENGLISH: EXAMPLES,	680-122
106 []	EXACT BAYESIAN TESTS OF SHARP HYPOTHESES.	680-109

U.S. Army Electronics Command
Sample header-order sheet
(See p. 19)

PROBLEMS OF INFORMATION TRANSFER IN THE MODERN JET COCKPIT.

SCHULTZ,WILLIAM C. J
FINAL REPT.,
CORNELL AERONAUTICAL LAB INC BUFFALO N Y

ABSTRACT:
IF THE TIME TO ACT ON SIGNALS IS TO BE MAXIMIZED, AN OBJECTIVE
THAT IS ASSUMED TO BE DESIRABLE, THEN MORE EMPHASIS MUST BE
PLACED ON IMPROVING THE CHANCES OF ACTING QUICKLY AND PROPERLY
ON THE SIGNALS THAT ARE AVAILABLE. THIS REPORT DEALS WITH
FOUR FACETS OF THE PROBLEM OF IMPROVING INFORMATION TRANSFER
IN THE COCKPIT: (1) DISCUSSION OF THE GAPS WHICH EXIST IN THE
TRANSFER OF INFORMATION TO THE PILOT OF A JET AIRCRAFT (E.G.,
THE PILOT NOT HAVING SUFFICIENT INFORMATION TO QUICKLY IDE-
NTIFY CERTAIN POTENTIALLY DANGEROUS FLIGHT CONDITIONS) (2) A
TAXONOMY OF FLIGHT SAFETY RESEARCH; (3) A DISCUSSION OF HOW
FLIGHT SAFETY RESEARCH MIGHT BE CORRELATED WITH CAREFUL REGARD
FOR, AND CONSIDERATION OF THE ABOVE, TAXONOMY; AND (4) A D-
ISCUSSION OF STEPS NOW BEING TAKEN IN A PLANNED EXPERIMENTAL
APPROACH TOWARDS IMPROVEMENT OF INFORMATION TRANSFER IN THE
COCKPIT. (AUTHOR)

AD-846-196   CODE: 110   MAN-MACHINE-SYSTEMS

CREATING FOUNDATIONS FOR TECHNOLOGICAL *SURPRISES* PLANNING
BASIC RESEARCH,

GANDER,JOHN F. J
AIR UNIV MAXWELL AFB ALA

ABSTRACT:
IN ASSESSING THE ROLE OF PLANNING AND MANAGING AIR FORCE BASIC
RESEARCH PROJECTS AT THE LOWEST MANAGERIAL LEVEL, ONE UNCOVERS
A VARIETY OF METHODS USED FOR PROJECT SELECTION DESIGNED TO
PROVIDE THE RESEARCH PLANNER WITH ADEQUATE AND TIMELY INFO-
RMATION. THIS STUDY DISCUSSES THE USE OF SELECTION TECHNIQUES
BASED ON THE IDENTIFICATION OF CERTAIN EVALUATION PARAMETERS,
AND THEIR APPLICATION AT SPECIFIED PHASE POINTS IN THE BASIC
RESEARCH PLANNING CYCLE. IT CONCLUDES THAT THE USE OF SUCH
TECHNIQUES IS PRACTICAL AND WILL PROVIDE THE MAXIMUM PROBABLE
RETURN IN TERMS OF CREATING FOUNDATIONS FOR TECHNOLOGICAL
BREAKTHROUGHS COMMENSURATE WITH AVAILABLE RESOURCES. (AUTHOR)

AD-846-146   CODE: 107   MANAGEMENT-PLANNING

INTRODUCTION OF TDM INTO THE DCS,

TOWNLEY,R. J
COMMUNICATIONS AND SYSTEMS INC FALLS CHURCH VA
DCA100-67-C-0014

ABSTRACT:
THE OBJECTIVE OF THIS STUDY IS TO EVALUATE AND PROPOSE TEC-
HNIQUES FOR THE INTRODUCTION OF TIME DIVISION MULTIPLEX (TDM)
AND DIGITAL TRANSMISSION SYSTEMS INTO THE DEFENSE COMMUNIC-

III. OFFSET MEDIA

One trend noted at the October 1968 ASIS Meeting is that some of the larger information retrieval centers are moving toward printed reproduction of less selective announcement packages on a mass-produced basis.

Individual selectivity is sacrificed, but this approach offers a number of important advantages: lower cost, greater readability (using upper and lower case type), and the ability to serve a huge number of subscribers.

CLEARINGHOUSE ANNOUNCEMENTS

FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

In Science & Technology

36. PLASTICS AND ELASTOMERS

ACTION OF LASER BEAM ON PLEXIGLAS (DEISTVIE SVETOVOGO DUCHA LAZERA NA ORGANICHESKOE STEKLO),
Foreign Technology Div Wright-Patterson AFB Ohio
A. L. Akimov, L. I Mirkin, and N. F. Pilipetskii. 20 Sep 67, 13p
Edited machine trans of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n6 p14-18 1966

A Q-switched laser and a controlled output power was used in a study of the effect of laser radiation on plexiglas. Destruction was manifested by the formation of microfractures or by the appearance of plane fractures. The type of destruction depended only on the focusing distance of the lens and not on the power of the light beam. The destruction zone had a conical form and consisted of separated dots which dispersed light. The dots concentrated at the beam entrance and near the focal point. With a decrease in focusing distance, the number of microfractures diminished and the amount of large fractures increased. (Author)
AD-672 690   HC$3.00 MF$0.65

CARBON FIBRE REINFORCED POLYMERS AS SELF-LUBRICATING MATERIALS.
Royal Aircraft Establishment Farnborough (England)
J. P. Giltrow, and J. K. Lancaster. Nov 67, 28p*

The report describes an investigation of the friction, wear and mechanical properties of polymers reinforced with different proportions of two types of carbon fibres. During dry sliding against steel, coefficients of friction of the composites lie within a common range of 0.25-0.35 at high fibre concentrations, and rates of wear can be reduced by factors of more than 1000. Fibre reinforcement can also greatly improve the strength, stiffness and resistance to deformation under load. The most important factor influencing the wear rate is the amount of fibre present; the strength is more dependent on adhesion at the fibre-polymer interface.

The practical applications of carbon fibre reinforced polymers are discussed. (Author)
AD-672 799   HC$3.00 MF$0.65

MORPHOLOGY AND GROWTH OF EXTENDED CHAIN CRYSTALS OF POLYETHYLENE.
Rensselaer Polytechnic Inst Troy N Y Dept of Chemistry
Bernhard Wunderlich, und Louis Melillo Jul 68, 30p

The morphology and growth of extended chain crystals of polyethylene is discussed on the basis of optical and electron microscopy. The spherulitic habit is shown to be caused by nucleation of new lamellae on the (001) surface of lamellae, branching of lamellae on their growth face, and thickening of lamellae. Spherulite centers have been identified down to the primary lamella Analysis of intersections of lamellae during crystallization allowed the identification of intermediate stages of crystal growth. Fracture surfaces parallel to the growth face and the (001) face are discussed. 'Ripple decoration' by surface recrystallization is developed as a tool for fracture surface study. Kink bands are described as growth defects. Bending of lamellae is shown to go by slip parallel to the polymer chains. Ripple and drawn out fiber annealing is analyzed. All observations on extended chain crystals are used to propose a mechanism of extended chain crystal growth of polyethylene under elevated pressure. (Author)
AD-672 839   HC$3.00 MF$0.65

THE RELATIONSHIP BETWEEN MORPHOLOGY AND LIGHT SCATTERING PATTERNS FOR POLYTETRAFLUOROETHYLENE.
Massachusetts Univ Amherst Polymer Research Inst
Marion B. Rhodes, and Richard S. Stein Jul 68, 19p

Two types of light scattering patterns have been observed for polytetrafluoroethylene films. It has been postulated that these patterns arise from differences in the orientation of the optic axis with respect to the morphological unit of the structure. Films, studied by the light scattering technique, have been examined by electron microscopy and the differences between the patterns are ascribed to differences in the orientation of the lamella with respect to the plane of the film. (Author)
AD-672 901   HC$3.00 MF$0.65

RHEO-OPTICS OF HIGH SPEED DEFORMATION: II. POLYETHYLENE AND POLYBUTENE-1.
Massachusetts Univ Amherst Polymer Research Inst
Peter F. Erhardt, and Richard S. Stein. Jul 68, 21p

The photographic light scattering technique was used to study the relationship between sample deformation and spherulite deformation during rapid stretching of polyethylene and polybutene-1 films. Scattering patterns are interpreted in terms of spherulite deformation theory to give the elongation ratio of the spherulite which is compared with that of the sample. At low elongations spherulite deformation is less than or equal to that of the sample indicating that an affine deformation model is a reasonable approximation. At high elongations the spherulite elongation ratio is greater than that of the sample. This is due to inhomogeneous deformation where the local deformation of the sample in the scattering region is greater than the macroscopic deformation. (Author)
AD-672 902   HC$3.00 MF$0.65

EXPERIMENTAL DETERMINATION OF RESIDUAL STRESSES IN WINDING UNIDIRECTIONAL GLASS-FIBER-REINFORCED PLASTICS (EKSPERIMENTALNOE OPREDELENIE OSTATOCHNYKH NAPRYAZHENII PRI NAMOTKE ODNONAPRAVLENNYKH STEKLOPLASTIKOV),

Defense Documentation Center
"GAB" Announcement (See p. 104)

AD-842 479   6/13   6/1
ARMY BIOLOGICAL LABS FREDERICK MD
ANTIGENIC PROPERTIES OF MALLEOMYCES PSEUDOMALLEI.
I. MORPHOLOGICAL, CULTURAL, BIOCHEMICAL
CHARACTERISTICS AND VARIATIONS OF IMMUNOLOGICAL
TYPE,
    SEP 68   9P   L. CHAMBON;J. FOURNIER;
REPT. NO. TRANS-130

UNCLASSIFIED REPORT
DISTRIBUTION: NO FOREIGN WITHOUT APPROVAL OF
COMMANDING OFFICER, ARMY BIOLOGICAL LABS,
ATTN: TECHNICAL RELEASES BRANCH, FREDERICK,
MD. 21701.
SUPPLEMENTARY NOTE: TRANS. OF INSTITUT PASTEUR,
PARIS, ANNALES (FRANCE) V91 P355-362 1956.

DESCRIPTORS: (*PSEUDOMONAS, *ANTIGENS *
ANTIBODIES), MORPHOLOGY(BIOLOGY), VIABILITY,
CULTURE MEDIA, BIOLOGICAL STATUS,
AGING(PHYSIOLOGY), GLYCOSIDES, HEMOLYSIS,
FERMENTATION, GROWTH, IMMUNE SERUMS,
FRANCE

THIS REPORT DESCRIBES THE MODIFICATIONS OF
CHARACTERISTICS OF P. PSEUDO-MALLEI AS A FUNCTION
OF THE VARIATIONS OF IMMUNOLOGICAL TYPE. ANTIGEN
M CAN BE PRESENT IN ALL FORMS. ONE CANNOT
DESCRIBE FIXED CHARACTERISTICS OF THE FORM OIR) K
WHICH IS IMMEDIATELY DISSOCIATED. ON THE WHOLE,
BIOCHEMICAL ACTIVITY WOULD APPEAR IN DIRECT RELATION
TO THE PRESENCE OF ANTIGEN K. ITS PROGRESSIVE
DISAPPEARANCE IN THE COURSE OF TRANSPLANTS AND AGING
OF STRAINS TAKES ACCOUNT OF THE CLASSIC DIMINUTION
DESCRIBED OF THIS ACTIVITY. IT IS THE SAME FOR
VIRULENCE. (AUTHOR)

AD-842 480   6/13   6/1
ARMY BIOLOGICAL LABS FREDERICK MD
ANTIGENIC CONSTITUTION OF MALLEOMYCES PSEUDO-
MALLEI. II. DEMONSTRATION OF EXISTENCE OF
ANTIGENS M, K AND O AND STUDY OF THEIR IMMUNOLOGIC
PROPERTIES,
    SEP 68   12P   L. CHAMBON;J. FOURNIER;
REPT. NO. TRANS-131

UNCLASSIFIED REPORT
DISTRIBUTION: NO FOREIGN WITHOUT APPROVAL OF
COMMANDING OFFICER, ARMY BIOLOGICAL LABS,
ATTN: TECHNICAL RELEASES BRANCH, FREDERICK,
MD. 21701.
SUPPLEMENTARY NOTE: TRANS. OF INSTITUT PASTEUR,
PARIS, ANNALES (FRANCE) V91 P472-485 1956.
SEE ALSO PART I, AD-842 479.

DESCRIPTORS: (*PSEUDOMONAS, *ANTIGENS,
ANTIBODIES), SERODIAGNOSIS, AGGLUTININS,
SENSITIVITY, CENTRIFUGES, DISSOCIATION,
INHIBITION, FRANCE

THE STUDY OF THE DIFFERENT CULTURE TYPES OF
MALLEOMYCES PSEUDOMALLEI SUGGESTS THE EXISTENCE OF
THREE ANTIGENS: A MUCOID ANTIGEN M, A CAPSULAR
ANTIGEN K AND A SOMATIC ANTIGEN O. THIS REPORT
DEMONSTRATES THEIR EXISTENCE BY SEROLOGICAL TESTS
BASED UPON THEIR DIFFERENCE IN SENSITIVITY TO THE
ACTION OF FORMOL, ETHYL ALCOHOL, HEAT AND NORMAL
HYDROCHLORIC ACID AND UPON IMMAGGLUTINABILITIES CAUSED
BY THESE ANTIGENS. THE PROPERTIES OF THE M
ANTIGEN OF WHITMORE'S BACILLUS ARE SIMILAR TO THOSE
OF THE M ANTIGEN OF THE ENTEROBACTERIACEAE.
THIS ANTIGEN PRODUCES AN AGGLUTINATION WHICH MAY BE
PARTIALLY DISSOCIATED IN TUBES AND APPEARS RAPIDLY ON
SLIDES. IT CAUSES K AND O-IMAGGLUTINABILITY.
ANTIGEN K BEHAVES LIKE A CAPSULAR ANTIGEN. IT
GIVES A "GRAPE TYPE" AGGLUTINATION ON CENTRIFUGATION.
TOTAL AND IMMEDIATE ON SLIDES. IT DETERMINES AN
O-IMAGGLUTINABILITY OR HYPO-AGGLUTINABILITY
VARIABLE ACCORDING TO THE EXTENT OF THE DISSOCIATION
2K TO 0K? TO O, WHICH CAN BE TOTAL WITH A
BACTERIAL SUSPENSION TREATED WITH 50% ALCOHOL.
THE SOMATIC ANTIGEN O IS COMPARABLE TO THAT OF
THE GRAM-NEGATIVES. IT GIVES GRANULAR
AGGLUTINATION BY CENTRIFUGATION. TARDY ON SLIDES.
(AUTHOR)

145